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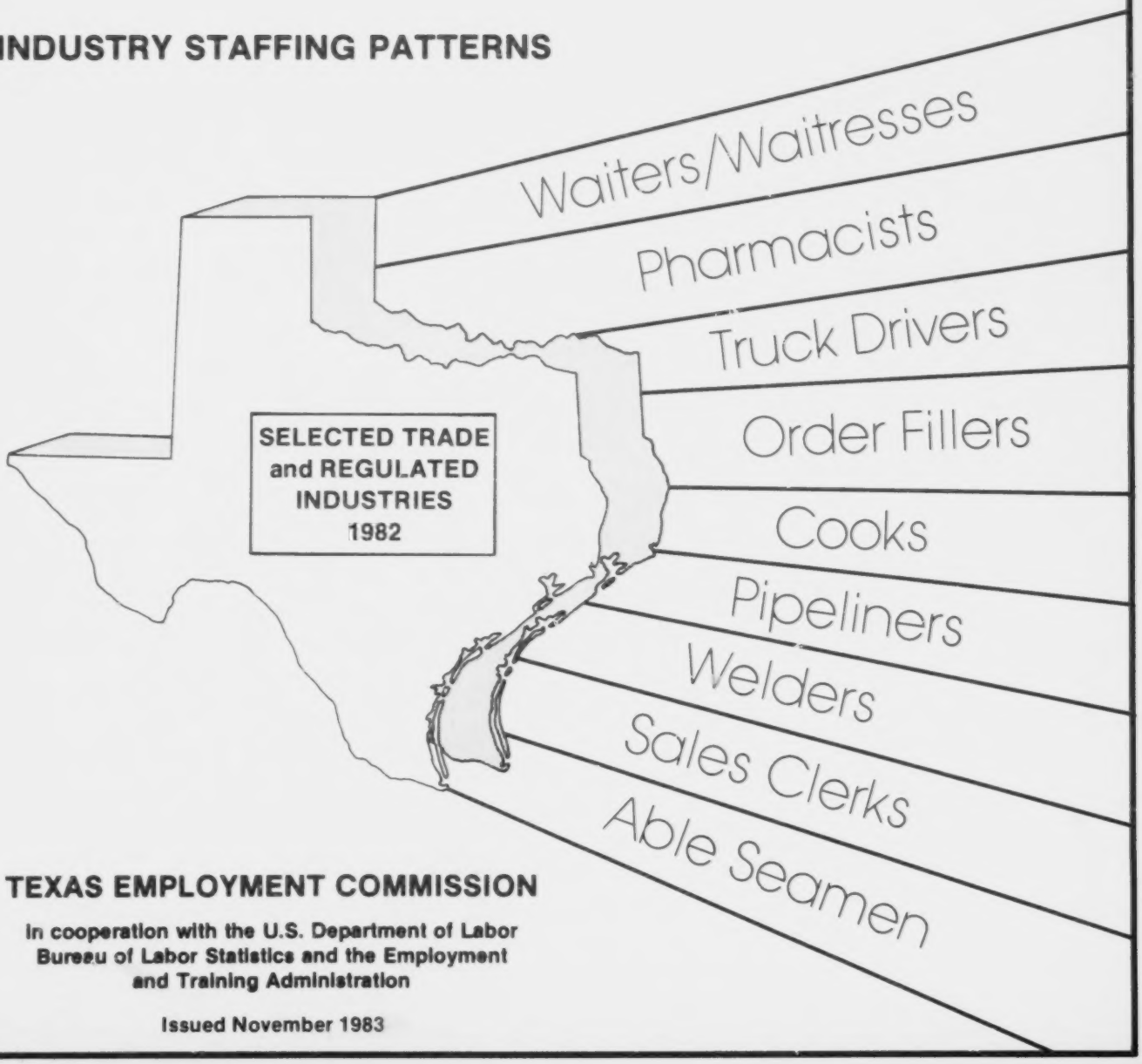
# TEXAS OCCUPATIONAL EMPLOYMENT STATISTICS

## INDUSTRY STAFFING PATTERNS




**TEXAS EMPLOYMENT COMMISSION**

In cooperation with the U.S. Department of Labor
Bureau of Labor Statistics and the Employment
and Training Administration

Issued November 1983

# TEXAS OCCUPATIONAL EMPLOYMENT STATISTICS

## INDUSTRY STAFFING PATTERNS FOR SELECTED TRADE AND REGULATED INDUSTRIES

## 2nd QUARTER 1982

Prepared by
Texas Employment Commission
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# PREFACE

This publication summarizes the results of an occupational employment survey of selected Trade and Regulated Industries in Texas.

This report is the product of a Federal-State Cooperative Program. The Bureau of Labor Statistics developed the procedures and provided technical assistance. The Department of Labor through the Employment and Training Administration funded the project and was responsible for the administrative aspects of the program. The Texas Employment Commission collected and analyzed the data, provided the necessary computer services, and published these findings.

Special thanks are extended to the many cooperating employers who provided the survey data which made this publication possible.

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# INTRODUCTION

The Occupational Employment Statistics (OES) Program is part of a Federal-State Cooperative effort involving State Employment Security Agencies in cooperation with the Department of Labor through the Employment and Training Administration and the Bureau of Labor Statistics. The OES Program is designed to: (1) provide staffing profiles by industry and trends in the number of workers by occupation, (2) identify emerging and disappearing occupations, (3) help in the development of educational training programs, (4) provide current occupational information for employment counselors and manpower planners, and (5) generate data that will be used to refine and modify the worker-demand projections through the Industry-Occupation Matrix System.

This report represents Trade and Regulated Industries data collected for the appropriate survey month (April, May, or June, 1982).

This publication will be updated every three years to provide a better basis for decision-making at all levels of labor force planning and training.

# METHODOLOGY

## THE SAMPLE

The sample for this survey was selected from the second quarter 1981 ES-202, Quarterly Report of Employment and Wages. The universe was stratified into three-digit Standard Industrial Classification (SIC) codes, each consisting of six employment size classes (1-9, 10-19, 20-49, 50-99, 100-249, and 250 plus). Procedures involved selecting all certainty cases, that is establishments having 250 or more employees. Firms with fewer than 250 employees were subject to sample selection on a random basis. Each unit was given a weight according to the proportion of firms selected in each size class. The sample included 1,793 establishments with a represented benchmark employment of 572,284.

## COLLECTION PROCEDURES

Survey procedures included an initial mailout, two follow-up mailouts, personal visits, and telephone contacts. Many employers furnished printouts by job title and employment in each title. The information was then transferred to OES schedules.

## SAMPLING ERROR

Relative standard error is presented for use in measuring sampling error. The relative standard error is an arithmetic measure of the precision of the estimates. It is the error that results from the difference between data obtained if the same survey methods were applied to collecting identical information from the entire population or universe.

The relative error expresses the standard error of an estimate as a percentage of that estimate and creates an interval around the estimate. The total estimated employment multiplied by the relative error gives a figure which can be added to and subtracted from the estimate to obtain an upper and lower limit or interval. A level of confidence is then associated with this interval. It is based on the number of relative standard errors that were added to the estimate and is the probability that the interval will cover the true population value. An interval that is based on one relative error

## SAMPLING ERROR (CONTINUED)

has a 68% level of confidence and one based on two relative errors has a level of 95%. For example, suppose an estimated employment of 500 and a relative error of 10% is given for an occupation. This means that with a 68% confidence level, the true number of workers in that occupation would fall between 450 and 550.

## NONSAMPLING ERROR

Nonsampling error results from several aspects of the survey process, such as respondent error, processing errors, questionnaire design, etc. It cannot be measured with reasonable precision, therefore, survey procedures and estimating processes have been designed to minimize it.

## ESTIMATING PROCEDURES

All establishments in a given estimating cell were assigned a sample weight which was the inverse of the sampling ratio. Employment for each occupation was multiplied by its establishment's sample weight and summed for all sample establishments in one cell. Summed total employment in each establishment was multiplied by that establishment's sample weight and summed for all establishments in the cell. Weighted total establishment employment was expressed as a percent of weighted summed establishment employment to form the ratio for the estimate. This was the arithmetic expression of the occupational pattern for the estimating cell. The benchmark figures for the appropriate survey month (April, May or June, 1982) were divided by the weighted total establishment employment. Each weighted reported occupational employment in the cell was multiplied by this ratio to get the estimated employment for each occupation. To aggregate across size classes, all these estimates were added to get one total estimate for each occupation.

# CONSIDERATIONS OF THE USES OF THE ESTIMATES

## RELATIVE ERROR

From an accuracy standpoint, the higher the relative error, the less accurate the estimate. If relative errors exceeded fifty percent (50%), the employment from these occupations was merged with the employment of a relevant "all other" category.

## ROUNDING AND OCCUPATIONS WITH LESS THAN TEN EMPLOYMENT

All estimates were rounded to the nearest ten (10). The percent distribution was carried to three decimal places and rounded to two (i.e., 3.769 becomes 3.77).

Occupations with employment less than ten (10) were combined with a relevant "all other" category.

# STAFFING PATTERNS FOR SELECTED INDUSTRIES

TABLE 1
SIC 41
LOCAL AND SUBURBAN TRANSIT AND
INTERURBAN HIGHWAY PASSENGER TRANSPORTATION

This major group includes establishments primarily engaged in furnishing local and suburban passenger transportation, such as those providing passenger transportation within a single municipality, adjacent municipalities, or a municipality and its suburban areas by bus, rail, or subway, either separately or in combination, and establishments engaged in furnishing transportation to local scenic features. Also included are establishments primarily engaged in furnishing highway passenger transportation, establishments furnishing highway passenger terminal or maintenance facilities and intercity bus lines.

| OES CODE | OCCUPATION | ESTIMATED EMPLOYMENT | RELATIVE STANDARD ERROR | PERCENT OF TOTAL EMPLOYMENT |
|---|---|---|---|---|
| | TOTAL EMPLOYMENT..... | 8,640 | na | 100.00 |
| 10000 | Managers and Officers..... | 530 | 15.83 | 6.13 |
| 21000 | Engineers..... | 10 | na | .12 |
| 25300 | Purchasing Agents and/or Buyers.... | 20 | 29.19 | .23 |
| 25401 | Accountants and Auditors..... | 50 | 38,02 | .58 |
| 25465 | Personnel and Labor Relations Specialists..... | 40 | 15.88 | .46 |
| 29000 | All Other Professional Workers..... | 220 | na | 2.55 |
| 35000 | Medical and Dental Technicians and Technologists..... | 410 | na | 4.75 |
| 39000 | All Other Technical Workers..... | 80 | na | .93 |
| 41000 | Janitors, Porters, and Cleaners.... | 210 | 11.94 | 2.43 |
| 42000 | Guards and Doorkeepers..... | 30 | na | .35 |
| 44021 | Baggage Porters, Transportation.... | 140 | 11.72 | 1.62 |
| 49000 | All Other Service Workers..... | 60 | na | .69 |
| 51008 | Mechanics, Automotive..... | 320 | 29.80 | 3.70 |
| 51019 | Diesel Mechanics..... | 160 | 37.26 | 1.85 |
| 51900 | All Other Mechanics and Repairers.. | 70 | na | .81 |
| 55A16 | Baggage Handlers..... | 190 | 37.18 | 2.20 |
| 55A36 | Bus Drivers..... | 1,900 | 14.53 | 21.99 |
| 55A61 | Cleaners, Vehicle..... | 170 | 14.21 | 1.97 |
| 55B29 | Supervisors, Nonworking..... | 150 | 23.74 | 1.74 |
| 59001 | All Other Skilled Craftsmen and Kindred Workers..... | 30 | na | .35 |
| 59002 | All Other Operatives and Semi-skilled Workers..... | 1,940 | na | 22.45 |
| 59003 | All Other Laborers and Unskilled Workers..... | 60 | na | .69 |

Table 1 (Continued) Local and Suburban Transit and Interurban Highway Passenger Transportation

| OES CODE | OCCUPATION | ESTIMATED EMPLOYMENT | RELATIVE STANDARD ERROR | PERCENT OF TOTAL EMPLOYMENT |
|---|---|---|---|---|
| 61301 | Accounting Clerks | 120 | 17.46 | 1.39 |
| 61307 | Bookkeepers, Hand | 70 | 35.67 | .81 |
| 61316 | Claim Adjusters | 10 | 43.22 | .12 |
| 61337 | Information Clerks | 120 | 25.89 | 1.39 |
| 61351 | Payroll and/or Timekeeping Clerks | 30 | 41.83 | .35 |
| 61352 | Personnel Clerks | 20 | 3.14 | .23 |
| 61368 | Secretaries | 100 | 18.43 | 1.16 |
| 61376 | Switchboard Operators | 130 | 49.86 | 1.50 |
| 61383 | Ticket Agents | 300 | 37.80 | 3.47 |
| 61392 | Typists | 20 | 4.71 | .23 |
| 61396 | Clerical Supervisors, Office or Plant | 60 | 10.86 | .69 |
| 61900 | All Other Office Clerical Workers | 460 | na | 5.32 |
| 62005 | Shipping and/or Receiving Clerks | 70 | 49.79 | .81 |
| 62008 | Stock Clerks-Stockroom, Warehouse or Storage Yard | 10 | 29.89 | .12 |
| 62018 | Dispatchers-Vehicle, Service or Work | 260 | 30.74 | 3.01 |
| 62900 | All Other Plant Clerical Workers | 50 | na | .58 |
| 71000 | Sales Agents, Associates, and/or Representatives | 20 | na | .23 |

TABLE 2
SIC 411
LOCAL AND SUBURBAN PASSENGER TRANSPORTATION

This group includes establishments primarily engaged in furnishing passenger transportation confined principally to a municipality, adjacent municipalities, or a municipality and its suburban areas, other than by taxicab, school bus, or charter service.

| OES CODE | OCCUPATION | ESTIMATED EMPLOYMENT | RELATIVE STANDARD ERROR | PERCENT OF TOTAL EMPLOYMENT |
|---|---|---|---|---|
| | TOTAL EMPLOYMENT..... | 2,480 | na | 100.00 |
| 10000 | Managers and Officers..... | 170 | 25.95 | 6.85 |
| 25465 | Personnel and Labor Relations Specialists..... | 10 | 49.74 | .40 |
| 29000 | All Other Professional Workers..... | 10 | na | .40 |
| 35000 | Medical and Dental Technicians and Technologists..... | 410 | na | 16.53 |
| 51000 | All Mechanics and Repairers..... | 80 | na | 3.23 |
| 55B29 | Supervisors, Nonworking..... | 40 | 25.42 | 1.61 |
| 55D67 | Service Station Attendants, Fuel Pump Attendants and/or Lubricators..... | 40 | 41.32 | 1.61 |
| 59002 | All Other Operatives and Semi-skilled Workers..... | 1,280 | na | 51.62 |
| 59003 | All Laborers and Unskilled Workers. | 20 | na | .81 |
| 61000 | All Office Clerical Workers..... | 340 | na | 13.71 |
| 62000 | All Plant Clerical Workers..... | 80 | na | 3.23 |

TABLE 3
SIC 413
INTERCITY AND RURAL HIGHWAY PASSENGER TRANSPORTATION

This group includes establishments primarily engaged in furnishing passenger transportation by motor vehicles, the operations of which are principally outside a single municipality, outside one group of adjacent municipalities, and outside a single municipality and its suburban areas.

| OES CODE | OCCUPATION | ESTIMATED EMPLOYMENT | RELATIVE STANDARD ERROR | PERCENT OF TOTAL EMPLOYMENT |
|---|---|---|---|---|
| | TOTAL EMPLOYMENT..... | 3,570 | na | 100.00 |
| 10000 | Managers and Officers..... | 190 | 4.72 | 5.32 |
| 25300 | Purchasing Agents and/or Buyers.... | 10 | 1.17 | .28 |
| 25401 | Accountants and Auditors..... | 20 | 15.08 | .56 |
| 25465 | Personnel and Labor Relations Specialists..... | 30 | .54 | .[illegible] |
| 29000 | All Other Professional Workers..... | 220 | na | 6.17 |
| 30000 | All Technical Workers..... | 80 | na | 2.24 |
| 41000 | Janitors, Porters, and Cleaners.... | 100 | 20.27 | 2.80 |
| 42000 | Guards and Doorkeepers..... | 10 | na | .28 |
| 44014 | Supervisors, Nonworking-Service.... | 10 | na | .28 |
| 44021 | Baggage Porters, Transportation.... | 130 | 11.23 | 3.64 |
| 49000 | All Other Service Workers..... | 40 | na | 1.12 |
| 51008 | Mechanics, Automotive..... | 130 | 10.45 | 3.64 |
| 51012 | Automotive Body Repairers..... | 30 | 20.01 | .84 |
| 51019 | Diesel Mechanics..... | 80 | 13.35 | 2.24 |
| 55A16 | Baggage Handlers..... | 150 | 29.66 | 4.20 |
| 55A36 | Bus Drivers..... | 1,310 | 7.63 | 36.70 |
| 55A61 | Cleaners, Vehicle..... | 130 | 7.87 | 3.64 |
| 55B29 | Supervisors, Nonworking..... | 40 | 13.43 | 1.12 |
| 55B86 | Maintenance Repairers, General Utility..... | 20 | na | .56 |
| 55B87 | Helpers, Trades..... | 10 | 17.37 | .28 |
| 59001 | All Other Skilled Craftsmen and Kindred Workers..... | 10 | na | .28 |
| 59002 | All Other Operatives and Semi-skilled Workers..... | 10 | na | .28 |
| 59003 | All Other Laborers and Unskilled Workers..... | 20 | na | .56 |
| 61301 | Accounting Clerks..... | 80 | 4.18 | 2.24 |
| 61333 | General Office Clerks..... | 80 | 4.02 | 2.24 |
| 61337 | Information Clerks..... | 90 | 3.38 | 2.52 |
| 61351 | Payroll and/or Timekeeping Clerks.. | 10 | na | .28 |

Table 3 (Continued) Intercity and Rural Highway Passenger Transportation

| OES CODE | OCCUPATION | ESTIMATED EMPLOYMENT | RELATIVE STANDARD ERROR | PERCENT OF TOTAL EMPLOYMENT |
|---|---|---|---|---|
| 61368 | Secretaries | 60 | 7.49 | 1.68 |
| 61383 | Ticket Agents | 220 | 17.07 | 6.17 |
| 61396 | Clerical Supervisors, Office or Plant | 60 | 11.91 | 1.68 |
| 61900 | All Other Office Clerical Workers | 70 | na | 1.96 |
| 62018 | Dispatchers-Vehicle, Service or Work | 20 | 12.71 | .56 |
| 62900 | All Other Plant Clerical Workers | 80 | na | 2.24 |
| 71000 | All Sales Agents, Associates, and/or Representatives | 20 | na | .56 |

TABLE 4
SIC 42
MOTOR FREIGHT TRANSPORTATION AND WAREHOUSING

This major group includes establishments furnishing local or long-distance trucking, or transfer services, or those engaged in the storage of farm products, furniture and other household goods, or commercial goods of any nature. The operation of terminal facilities for handling freight, with or without maintenance facilities, is also included.

| OES CODE | OCCUPATION | ESTIMATED EMPLOYMENT | RELATIVE STANDARD ERROR | PERCENT OF TOTAL EMPLOYMENT |
|---|---|---|---|---|
| | TOTAL EMPLOYMENT..... | 93,760 | na | 100.00 |
| 10000 | Managers and Officers..... | 6,210 | 24.39 | 6.62 |
| 21000 | Engineers..... | 60 | na | .06 |
| 25300 | Purchasing Agents and/or Buyers.... | 40 | 39.01 | .04 |
| 25465 | Personnel and Labor Relations Specialists..... | 70 | 42.61 | .07 |
| 29000 | All Other Professional Workers..... | 410 | na | .44 |
| 32000 | Engineering Technicians..... | 100 | na | .11 |
| 39000 | All Other Technical Workers..... | 290 | na | .31 |
| 41000 | Janitors, Porters, and Cleaners.... | 300 | na | .32 |
| 42000 | Guards and Doorkeepers..... | 140 | na | .15 |
| 49000 | All Other Service Workers..... | 100 | na | .11 |
| 51008 | Mechanics, Automotive..... | 980 | 37.48 | 1.05 |
| 51012 | Automotive Body Repairers..... | 60 | 49.23 | .06 |
| 51019 | Diesel Mechanics..... | 2,170 | 26.21 | 2.31 |
| 51043 | Mechanics, Maintenance..... | 60 | 37.67 | .06 |
| 51900 | All Other Mechanics and Repairers.. | 20 | na | .02 |
| 54001 | Truck Drivers, Heavy..... | 8,410 | 39.67 | 8.97 |
| 54002 | Truck Drivers, Light..... | 3,020 | 33.87 | 3.22 |
| 54003 | Tractor-Trailer Truck Drivers..... | 20,960 | 16.01 | 22.36 |
| 55A61 | Cleaners, Vehicle..... | 350 | 35.46 | .37 |
| 55A87 | Delivery and Route Workers..... | 14,180 | 18.80 | 15.13 |
| 55B29 | Supervisors, Nonworking..... | 2,390 | 46.05 | 2.55 |
| 55B87 | Helpers, Trades..... | 350 | 47.66 | .37 |
| 55D22 | Tire Fabricators and/or Repairers.. | 20 | 45.07 | .02 |
| 55T32 | Truck Driver Helpers..... | 3,850 | 25.10 | 4.11 |
| 59001 | All Other Skilled Craftsmen and Kindred Workers..... | 1,310 | na | 1.40 |
| 59002 | All Other Operatives and Semi-skilled Workers..... | 3,530 | na | 3.76 |
| 59003 | All Other Laborers and Unskilled Workers..... | 7,660 | na | 8.17 |

Table 4 (Continued) Motor Freight Transportation and Warehousing

| OES CODE | OCCUPATION | ESTIMATED EMPLOYMENT | RELATIVE STANDARD ERROR | PERCENT OF TOTAL EMPLOYMENT |
|---|---|---|---|---|
| 61103 | Bookkeeping and/or Billing Machine Operators | 400 | 41.09 | .43 |
| 61107 | Keypunch Operators | 190 | 22.47 | .20 |
| 61199 | All Other Office Machine Operators. | 250 | na | .27 |
| 61301 | Accounting Clerks | 770 | 44.57 | .82 |
| 61313 | Adjustment Clerks | 300 | 21.32 | .32 |
| 61314 | Cashiers | 320 | 25.08 | .34 |
| 61316 | Claim Adjusters | 200 | 31.10 | .21 |
| 61330 | File Clerks | 110 | 38.48 | .12 |
| 61333 | General Office Clerks | 3,910 | 23.61 | 4.17 |
| 61351 | Payroll and/or Timekeeping Clerks.. | 200 | 43.12 | .21 |
| 61368 | Secretaries | 1,750 | 32.51 | 1.87 |
| 61377 | Switchboard Operator-Receptionists. | 130 | 44.38 | .14 |
| 61392 | Typists | 230 | 26.92 | .25 |
| 61900 | All Other Office Clerical Workers.. | 750 | na | .80 |
| 62018 | Dispatchers-Vehicle, Service or Work | 2,180 | 21.82 | 2.33 |
| 62034 | Manifest Clerks | 110 | 43.68 | .12 |
| 62035 | Rate Clerks, Freight | 380 | 20.83 | .41 |
| 62900 | All Other Plant Clerical Workers... | 2,150 | na | 2.29 |
| 71004 | Crating-and-Moving Estimators | 1,050 | 35.74 | 1.12 |
| 71010 | Traffic Agents | 520 | 32.92 | .55 |
| 71900 | All Other Sales Agents, Associates, and/or Representatives | 600 | na | .64 |
| 79000 | All Other Sales Workers | 220 | na | .23 |

TABLE 5
SIC 421
TRUCKING, LOCAL AND LONG DISTANCE

This group includes establishments primarily engaged in furnishing local or long-distance trucking or transfer services.

| OES CODE | OCCUPATION | ESTIMATED EMPLOYMENT | RELATIVE STANDARD ERROR | PERCENT OF TOTAL EMPLOYMENT |
|---|---|---|---|---|
| | TOTAL EMPLOYMENT..... | 86,730 | na | 100.00 |
| 10000 | Managers and Officers..... | 5,340 | 10.96 | 6.16 |
| 21000 | Engineers..... | 60 | 34.55 | .07 |
| 25300 | Purchasing Agents and/or Buyers.... | 40 | 39.01 | .05 |
| 25465 | Personnel and Labor Relations Specialists..... | 70 | 25.76 | .08 |
| 29000 | All Other Professional Workers..... | 400 | na | .46 |
| 31000 | Computer Programmers..... | 50 | 25.63 | .06 |
| 32000 | Engineering Technicians..... | 70 | 43.95 | .08 |
| 39000 | All Other Technical Workers..... | 230 | na | .27 |
| 41000 | Janitors, Porters, and Cleaners.... | 280 | na | .32 |
| 42000 | Guards and Doorkeepers..... | 100 | na | .12 |
| 49000 | All Other Service Workers..... | 100 | na | .12 |
| 51008 | Mechanics, Automotive..... | 890 | 35.14 | 1.03 |
| 51012 | Automotive Body Repairers..... | 60 | 49.23 | .07 |
| 51019 | Diesel Mechanics..... | 2,100 | 26.21 | 2.42 |
| 51043 | Mechanics, Maintenance..... | 60 | 37.67 | .07 |
| 51900 | All Other Mechanics and Repairers.. | 20 | na | .02 |
| 54001 | Truck Drivers, Heavy..... | 7,290 | 25.17 | 8.41 |
| 54002 | Truck Drivers, Light..... | 3,020 | 33.87 | 3.48 |
| 54003 | Tractor-Trailer Truck Drivers..... | 20,660 | 15.58 | 23.81 |
| 55A61 | Cleaners, Vehicle..... | 350 | 35.46 | .40 |
| 55A82 | Crane, Derrick, and Hoist Operators | 160 | 49.86 | .18 |
| 55A87 | Delivery and Route Workers..... | 14,170 | 18.81 | 16.33 |
| 55B29 | Supervisors, Nonworking..... | 2,090 | 16.24 | 2.41 |
| 55B57 | Industrial Truck Operators..... | 880 | 47.02 | 1.01 |
| 55B86 | Maintenance Repairers, General Utility..... | 370 | 42.87 | .43 |
| 55B87 | Helpers, Trades..... | 340 | 46.92 | .39 |
| 55D22 | Tire Fabricators and/or Repairers.. | 20 | 45.07 | .02 |
| 55D68 | Tire Changers..... | 150 | 34.73 | .17 |
| 55T32 | Truck Driver Helpers..... | 3,850 | 25.10 | 4.43 |
| 59001 | All Other Skilled Craftsmen and Kindred Workers..... | 240 | na | .28 |

Table 5 (Continued) Trucking, Local and Long Distance

| OES CODE | OCCUPATION | ESTIMATED EMPLOYMENT | RELATIVE STANDARD ERROR | PERCENT OF TOTAL EMPLOYMENT |
|---|---|---|---|---|
| 59002 | All Other Operatives and Semi-skilled Workers | 1,130 | na | 1.30 |
| 59003 | All Other Laborers and Unskilled Workers | 6,990 | na | 8.05 |
| 61103 | Bookkeeping and/or Billing Machine Operators | 400 | 41.09 | .46 |
| 61107 | Keypunch Operators | 190 | 22.47 | .22 |
| 61199 | All Other Office Machine Workers | 250 | na | .29 |
| 61301 | Accounting Clerks | 710 | 43.63 | .82 |
| 61307 | Bookkeepers, Hand | 310 | 48.42 | .36 |
| 61313 | Adjustment Clerks | 300 | 21.32 | .35 |
| 61314 | Cashiers | 320 | 25.08 | .37 |
| 61316 | Claim Adjusters | 200 | 31.10 | .23 |
| 61330 | File Clerks | 110 | 38.48 | .13 |
| 61333 | General Office Clerks | 3,520 | 20.62 | 4.06 |
| 61351 | Payroll and/or Timekeeping Clerks | 180 | 23.29 | .21 |
| 61352 | Personnel Clerks | 50 | 30.72 | .06 |
| 61361 | Receptionists | 40 | 48.93 | .05 |
| 61368 | Secretaries | 1,580 | 30.32 | 1.82 |
| 61376 | Switchboard Operators | 40 | 35.10 | .05 |
| 51377 | Switchboard Operator-Receptionists | 120 | 31.84 | .14 |
| 61392 | Typists | 230 | 26.92 | .27 |
| 61396 | Clerical Supervisors, Office or Plant | 140 | 20.61 | .16 |
| 61900 | All Other Office Clerical Workers | 130 | na | .15 |
| 62008 | Stock Clerks-Stockroom, Warehouse or Storage Yard | 310 | 36.74 | .36 |
| 62018 | Dispatchers-Vehicle, Service or Work | 2,180 | 21.82 | 2.51 |
| 62034 | Manifest Clerks | 110 | 43.68 | .13 |
| 62035 | Rate Clerks, Freight | 380 | 18.00 | .44 |
| 62900 | All Other Plant Clerical Workers | 970 | na | 1.12 |
| 71004 | Crating-and-Moving Estimators | 1,050 | 35.74 | 1.21 |
| 71010 | Traffic Agents | 520 | 32.92 | .60 |
| 71900 | All Other Sales Agents, Associates, and/or Representatives | 590 | na | .68 |
| 79000 | All Other Sales Workers | 220 | na | .25 |

TABLE 6
SIC 44
WATER TRANSPORTATION

This major group includes establishments engaged in freight and passenger transportation on the open seas or inland waters, and establishments furnishing such incidental services as lighterage, towing, and canal operation. This major group also includes excursion boats, sightseeing boats, and water taxis, but excludes establishments engaged in the operation of charter or party fishing boats.

| OES CODE | OCCUPATION | ESTIMATED EMPLOYMENT | RELATIVE STANDARD ERROR | PERCENT OF TOTAL EMPLOYMENT |
|---|---|---|---|---|
| | TOTAL EMPLOYMENT..... | 24,190 | na | 100.00 |
| 10056 | Pilots, Ship..... | 130 | 36.36 | .54 |
| 19000 | All Other Managers and Officers.... | 1,510 | na | 6.24 |
| 21000 | All Engineers..... | 150 | na | .62 |
| 29000 | All Other Professional Workers..... | 260 | na | 1.07 |
| 32000 | All Engineering Technicians..... | 420 | na | 1.74 |
| 39000 | All Other Technical Workers..... | 190 | na | .79 |
| 41000 | Janitors, Porters, and Cleaners.... | 30 | na | .12 |
| 43000 | Food Service Workers..... | 160 | 13.74 | .66 |
| 49000 | All Other Service Workers..... | 100 | na | .41 |
| 51000 | All Mechanics and Repairers..... | 300 | na | 1.24 |
| 55T52 | Ordinary Seamen..... | 1,830 | 48.09 | 7.57 |
| 59001 | All Other Skilled Craftsmen and Kindred Workers..... | 2,130 | na | 8.81 |
| 59002 | All Other Operatives and Semi-skilled Workers..... | 2,240 | na | 9.26 |
| 59003 | All Laborers and Unskilled Workers. | 12,300 | na | 50.85 |
| 61100 | All Office Machine Operators..... | 150 | na | .62 |
| 61900 | All Other Office Clerical Workers.. | 1,510 | na | 6.24 |
| 62000 | All Plant Clerical Workers..... | 520 | na | 2.15 |
| 71000 | Sales Agents, Associates, and/or Representatives..... | 260 | na | 1.07 |

TABLE 7
SIC 445
LOCAL WATER TRANSPORTATION

This group includes establishments primarily engaged in furnishing local water transportation and may provide such incidental services as lighterage, towing, ferries, sightseeing boats, etc.

| OES CODE | OCCUPATION | ESTIMATED EMPLOYMENT | RELATIVE STANDARD ERROR | PERCENT OF TOTAL EMPLOYMENT |
|---|---|---|---|---|
| | TOTAL EMPLOYMENT..... | 3,070 | na | 100.00 |
| 10000 | Managers and Officers..... | 460 | na | 14.98 |
| 40000 | All Service Workers..... | 20 | na | .65 |
| 51000 | All Mechanics and Repairers..... | 50 | na | 1.63 |
| 59001 | All Other Skilled Craftsmen and Kindred Workers..... | 420 | na | 13.68 |
| 59002 | All Operatives and Semiskilled Workers..... | 1,240 | na | 40.39 |
| 59003 | All Laborers and Unskilled Workers. | 680 | na | 22.15 |
| 61000 | All Office Clerical Workers..... | 150 | na | 4.89 |
| 62000 | All Plant Clerical Workers..... | 10 | na | .33 |
| 70000 | All Sales Workers..... | 40 | na | 1.30 |

TABLE 8
SIC 446
SERVICES INCIDENTAL TO WATER TRANSPORTATION

This group includes establishments primarily engaged in activities directly related to marine cargo handling and those furnishing miscellaneous services incidental to water transportation, such as chartering of vessels, marinas, steamship leasing, etc. Also included are establishments primarily engaged in the maintenance and operation of canals.

| OES CODE | OCCUPATION | ESTIMATED EMPLOYMENT | RELATIVE STANDARD ERROR | PERCENT OF TOTAL EMPLOYMENT |
|---|---|---|---|---|
| | TOTAL EMPLOYMENT..... | 13,680 | na | 100.00 |
| 10000 | Managers and Officers..... | 480 | na | 3.51 |
| 20000 | All Professional Workers..... | 40 | na | .29 |
| 30000 | All Technical Workers..... | 370 | na | 2.70 |
| 40000 | All Service Workers..... | 70 | na | .51 |
| 51000 | All Mechanics and Repairers..... | 30 | na | .22 |
| 54000 | Truck Drivers..... | 20 | 14.84 | .15 |
| 59001 | All Other Skilled Craftsmen and Kindred Workers..... | 820 | na | 5.99 |
| 59002 | All Other Operatives and Semi-skilled Workers..... | 1,220 | na | 8.92 |
| 59003 | All Laborers and Unskilled Workers. | 10,050 | na | 73.47 |
| 61100 | All Office Machine Operators..... | 30 | na | .22 |
| 61900 | All Other Office Clerical Workers.. | 390 | na | 2.85 |
| 62000 | All Plant Clerical Workers..... | 150 | na | 1.10 |
| 70000 | All Sales Workers..... | 10 | na | .07 |

TABLE 9
SIC 45
TRANSPORTATION BY AIR

This major group includes establishments engaged in furnishing domestic and foreign transportation by air and also those operating airports and flying fields and furnishing terminal services. Establishments primarily engaged in performing services which may incidentally use airplanes (crop dusting, aerial photography, etc.) are classified according to the service performed.

| OES CODE | OCCUPATION | ESTIMATED EMPLOYMENT | RELATIVE STANDARD ERROR | PERCENT OF TOTAL EMPLOYMENT |
|---|---|---|---|---|
| | TOTAL EMPLOYMENT..... | 34,110 | na | 100.00 |
| 10000 | Managers and Officers..... | 2,960 | na | 8.68 |
| 21006 | Industrial Engineers..... | 10 | 48.94 | .03 |
| 21900 | All Other Engineers..... | 190 | na | .56 |
| 24000 | Systems Analysts, Electronic Data Processing..... | 70 | 36.50 | .21 |
| 25105 | Teachers, Vocational..... | 650 | 30.48 | 1.91 |
| 25446 | Lawyers..... | 10 | 25.79 | .03 |
| 29000 | All Other Professional Workers..... | 980 | na | 2.87 |
| 32000 | All Engineering Technicians..... | 230 | na | .67 |
| 39000 | All Other Technical Workers..... | 4,660 | na | 13.65 |
| 41000 | Janitors, Porters, and Cleaners.... | 170 | na | .50 |
| 44012 | Flight Attendants..... | 3,440 | 9.74 | 10.09 |
| 49000 | All Other Service Workers..... | 230 | na | .67 |
| 51000 | All Mechanics and Repairers..... | 4,770 | na | 13.97 |
| 55B86 | Maintenance Repairers, General Utility..... | 150 | 26.77 | .44 |
| 59001 | All Other Skilled Craftsmen and Kindred Workers..... | 480 | na | 1.41 |
| 59002 | All Operatives and Semiskilled Workers..... | 190 | na | .56 |
| 59003 | All Laborers and Unskilled Workers. | 2,920 | na | 8.56 |
| 61105 | Computer Operators..... | 50 | 27.21 | .15 |
| 61199 | All Other Office Machine Operators. | 70 | na | .21 |
| 61383 | Ticket Agents..... | 3,920 | 19.95 | 11.49 |
| 61900 | All Other Office Clerical Workers.. | 6,040 | na | 17.70 |
| 62013 | Crew Schedulers..... | 60 | 10.52 | .18 |
| 62015 | Transportation Agents..... | 630 | 33.23 | 1.85 |
| 62900 | All Other Plant Clerical Workers... | 460 | na | 1.35 |
| 71000 | Sales Agents, Associates, and/or Representatives..... | 710 | na | 2.08 |
| 79000 | All Other Sales Workers..... | 60 | na | .18 |

TABLE 10
SIC 451
AIR TRANSPORTATION, CERTIFICATED CARRIERS

This group includes establishments of companies holding certificates of public convenience and necessity under the Civil Aeronautics Act, operating over fixed routes on fixed schedules, or in the case of certificated Alaskan carriers over fixed or irregular routes. These companies may be primarily engaged in the transportation of revenue passengers or in the transportation of cargo or freight.

| OES CODE | OCCUPATION | ESTIMATED EMPLOYMENT | RELATIVE STANDARD ERROR | PERCENT OF TOTAL EMPLOYMENT |
|---|---|---|---|---|
| | TOTAL EMPLOYMENT..... | 26,050 | na | 100.00 |
| 10000 | Managers and Officers..... | 1,620 | 16.94 | 6.22 |
| 21006 | Industrial Engineers..... | 10 | 48.94 | .04 |
| 21900 | All Other Engineers..... | 130 | na | .50 |
| 24000 | Systems Analysts, Electronic Data Processing..... | 70 | 36.50 | .27 |
| 25105 | Teachers and/or Instructors, Vocational Education or Training..... | 640 | 28.09 | 2.46 |
| 25300 | Purchasing Agents and/or Buyers.... | 60 | 39.12 | .23 |
| 25446 | Lawyers..... | 10 | 25.79 | .04 |
| 25465 | Personnel and Labor Relations Specialists..... | 50 | 43.22 | .19 |
| 29000 | All Other Professional Workers..... | 780 | na | 2.99 |
| 31000 | Computer Programmers..... | 80 | 26.28 | .31 |
| 32004 | Electrical and Electronic Technicians..... | 60 | 40.29 | .23 |
| 34023 | Airplane Pilots..... | 3,620 | 25.45 | 13.89 |
| 39000 | All Other Technical Workers..... | 340 | na | 1.31 |
| 41000 | Janitors, Porters, and Cleaners.... | 80 | 38.43 | .31 |
| 44012 | Flight Attendants..... | 3,440 | 9.74 | 13.21 |
| 44014 | Supervisors, Nonworking-Service.... | 30 | 18.68 | .12 |
| 49000 | All Other Service Workers..... | 180 | na | .69 |
| 51002 | Mechanics, Aircraft..... | 1,540 | 34.55 | 5.91 |
| 51008 | Mechanics, Automotive..... | 80 | 16.42 | .31 |
| 51900 | All Other Mechanics and Repairers.. | 200 | na | .77 |
| 55A61 | Cleaners, Vehicle..... | 460 | 40.37 | 1.77 |
| 55B29 | Supervisors, Nonworking..... | 170 | 15.20 | .65 |
| 55B86 | Maintenance Repairers, General Utility..... | 150 | 26.77 | .58 |

Table 10 (Continued) Air Transportation, Certificated Carriers

| OES CODE | OCCUPATION | ESTIMATED EMPLOYMENT | RELATIVE STANDARD ERROR | PERCENT OF TOTAL EMPLOYMENT |
|---|---|---|---|---|
| 55T33 | Line Service Attendants..... | 1,310 | 36.02 | 5.03 |
| 59001 | All Other Skilled Craftsmen and Kindred Workers..... | 60 | na | .23 |
| 59003 | All Other Laborers and Unskilled Workers..... | 530 | na | 2.03 |
| 61105 | Computer Operators..... | 50 | 27.21 | .19 |
| 61199 | All Other Office Machine Operators. | 50 | na | .19 |
| 61301 | Accounting Clerks..... | 290 | 37.47 | 1.11 |
| 61333 | General Office Clerks..... | 280 | 26.66 | 1.07 |
| 61352 | Personnel Clerks..... | 30 | 37.14 | .12 |
| 61368 | Secretaries..... | 490 | 26.44 | 1.88 |
| 61383 | Ticket Agents..... | 3,920 | 19.95 | 15.04 |
| 61392 | Typists..... | 50 | 37.59 | .19 |
| 61396 | Clerical Supervisors, Office or Plant..... | 190 | 28.47 | .73 |
| 61900 | All Other Office Clerical Workers.. | 3,620 | na | 13.89 |
| 62008 | Stock Clerks-Stockroom, Warehouse or Storage Yard..... | 120 | 35.23 | .46 |
| 62013 | Crew Schedulers..... | 60 | 10.52 | .23 |
| 62015 | Transportation Agents..... | 630 | 33.23 | 2.42 |
| 62900 | All Other Plant Clerical Workers... | 180 | na | .69 |
| 71000 | Sales Agents, Associates, and/or Representatives..... | 390 | na | 1.50 |

TABLE 11
SIC 461
PIPE LINES, EXCEPT NATURAL GAS

This group includes establishments primarily engaged in the pipe line transportation of petroleum and other commodities, except natural gas (Industry 4922). Pipe lines operated by petroleum producing or refining companies and separately reported (by type of operation) are also included.

| OES CODE | OCCUPATION | ESTIMATED EMPLOYMENT | RELATIVE STANDARD ERROR | PERCENT OF TOTAL EMPLOYMENT |
|---|---|---|---|---|
| | TOTAL EMPLOYMENT..... | 5,520 | na | 100.00 |
| 10000 | Managers and Officers..... | 610 | 11.32 | 11.05 |
| 21004 | Civil Engineers..... | 100 | 22.92 | 1.81 |
| 21005 | Electrical and Electronic Engineers | 60 | 19.77 | 1.09 |
| 21008 | Mechanical Engineers..... | 120 | 30.69 | 2.17 |
| 21900 | All Other Engineers..... | 20 | na | .36 |
| 24000 | Systems Analysts, Electronic Data Processing..... | 60 | 47.79 | 1.09 |
| 25401 | Accountants and Auditors..... | 120 | 42.48 | 2.17 |
| 25465 | Personnel and Labor Relations Specialists..... | 50 | 22.31 | .91 |
| 25477 | Right-of-Way Agents..... | 20 | 28.22 | .36 |
| 29000 | All Other Professional Workers..... | 190 | na | 3.44 |
| 32003 | Drafters..... | 70 | 20.80 | 1.27 |
| 32004 | Electrical and Electronic Technicians..... | 180 | 39.56 | 3.26 |
| 32008 | Surveyors..... | 10 | 32.96 | .18 |
| 32900 | All Other Engineering Technicians.. | 60 | na | 1.09 |
| 39000 | All Other Technical Workers..... | 130 | na | 2.36 |
| 40000 | All Service Workers..... | 10 | na | .18 |
| 51043 | Mechanics, Maintenance..... | 130 | 36.37 | 2.36 |
| 51900 | All Other Mechanics and Repairers.. | 20 | na | .36 |
| 54000 | Truck Drivers..... | 50 | 29.90 | .91 |
| 55A92 | Dispatchers, Relay..... | 120 | 28.63 | 2.17 |
| 55B29 | Supervisors, Nonworking..... | 330 | 17.88 | 5.98 |
| 55B39 | Gagers..... | 490 | 21.03 | 8.88 |
| 55B86 | Maintenance Repairers, General Utility..... | 100 | 49.16 | 1.81 |
| 55C42 | Station Engineers, Main Line..... | 190 | 46.73 | 3.44 |
| 55D46 | Welders and/or Flamecutters..... | 70 | 27.02 | 1.27 |
| 55T36 | Pipeliners..... | 780 | 19.20 | 14.14 |
| 59001 | All Other Skilled Craftsmen and Kindred Workers..... | 200 | na | 3.62 |

Table 11 (Continued) Pipe Lines, Except Natural Gas

| OES CODE | OCCUPATION | ESTIMATED EMPLOYMENT | RELATIVE STANDARD ERROR | PERCENT OF TOTAL EMPLOYMENT |
|---|---|---|---|---|
| 59002 | All Other Operatives and Semi-skilled Workers | 170 | na | 3.08 |
| 59003 | All Laborers and Unskilled Workers. | 90 | na | 1.63 |
| 61100 | All Office Machine Operators | 10 | na | .18 |
| 61200 | Stenographers | 20 | 34.55 | .36 |
| 61330 | File Clerks | 10 | 16.15 | .18 |
| 61333 | General Office Clerks | 50 | 28.09 | .91 |
| 61352 | Personnel Clerks | 20 | 33.07 | .36 |
| 61368 | Secretaries | 180 | 27.87 | 3.26 |
| 61392 | Typists | 10 | 13.26 | .18 |
| 61396 | Clerical Supervisors, Office or Plant | 30 | 31.94 | .54 |
| 61900 | All Other Office Clerical Workers.. | 620 | na | 11.23 |
| 62000 | All Plant Clerical Workers | 20 | na | .36 |

TABLE 12
SIC 47
TRANSPORTATION SERVICES

This major group includes establishments furnishing services incidental to transportation, such as forwarding and packing services, and the arrangement of passenger transportation, such as tourist and travel agencies. Also included are establishments primarily engaged in furnishing shipping information and acting as agents in arranging transportation for freight and cargo.

| OES CODE | OCCUPATION | ESTIMATED EMPLOYMENT | RELATIVE STANDARD ERROR | PERCENT OF TOTAL EMPLOYMENT |
|---|---|---|---|---|
| | TOTAL EMPLOYMENT..... | 16,610 | na | 100.00 |
| 10000 | Managers and Officers..... | 2,590 | 8.74 | 15.59 |
| 25300 | Purchasing Agents and/or Buyers.... | 40 | 46.35 | .24 |
| 25401 | Accountants and Auditors..... | 100 | 42.05 | .60 |
| 25531 | Travel Agents and/or Travel Accommodations Appraisers..... | 3,590 | 17.49 | 21.62 |
| 29000 | All Other Professional Workers..... | 60 | na | .36 |
| 31000 | Computer Programmers..... | 40 | 47.02 | .24 |
| 41000 | Janitors, Porters, and Cleaners.... | 30 | na | .18 |
| 49000 | All Other Service Workers..... | 200 | na | 1.20 |
| 51000 | All Mechanics and Repairers..... | 50 | na | .30 |
| 55A83 | Craters..... | 290 | 39.14 | 1.75 |
| 55A87 | Delivery and Route Workers..... | 520 | 45.27 | 3.13 |
| 55B57 | Industrial Truck Operators..... | 300 | 45.82 | 1.81 |
| 59001 | All Other Skilled Craftsmen and Kindred Workers..... | 150 | na | .90 |
| 59002 | All Other Operatives and Semi-skilled Workers..... | 150 | na | .90 |
| 59003 | All Laborers and Unskilled Workers. | 1,320 | na | 7.95 |
| 61103 | Bookkeeping and/or Billing Machine Operators..... | 150 | 47.87 | .90 |
| 61105 | Computer Operators..... | 140 | 42.09 | .84 |
| 61199 | All Other Office Machine Operators. | 100 | na | .60 |
| 61200 | Stenographers..... | 30 | 33.11 | .18 |
| 61301 | Accounting Clerks..... | 410 | 26.44 | 2.47 |
| 61307 | Bookkeepers, Hand..... | 480 | 25.82 | 2.89 |
| 61330 | File Clerks..... | 170 | 45.46 | 1.02 |
| 61333 | General Office Clerks..... | 1,270 | 32.57 | 7.65 |
| 61352 | Personnel Clerks..... | 40 | 48.85 | .24 |
| 61368 | Secretaries..... | 580 | 22.19 | 3.49 |
| 61392 | Typists..... | 320 | 26.55 | 1.93 |

Table 12 (Continued) Transportation Services

| OES CODE | OCCUPATION | ESTIMATED EMPLOYMENT | RELATIVE STANDARD ERROR | PERCENT OF TOTAL EMPLOYMENT |
|---|---|---|---|---|
| 61396 | Clerical Supervisors, Office or Plant | 280 | 35.92 | 1.69 |
| 61900 | All Other Office Clerical Workers | 1,160 | na | 6.98 |
| 62004 | Shipping Packers | 120 | 35.33 | .72 |
| 62005 | Shipping and/or Receiving Clerks | 320 | 46.15 | 1.93 |
| 62008 | Stock Clerks-Stockroom, Warehouse or Storage Yard | 260 | 43.87 | 1.57 |
| 62900 | All Other PLant Clerical Workers | 570 | na | 3.43 |
| 71010 | Traffic Agents | 520 | 42.22 | 3.13 |
| 71900 | All Other Sales Agents, Associates, and/or Representatives | 250 | na | 1.51 |
| 79000 | All Other Sales Workers | 10 | na | .06 |

TABLE 13
SIC 471
FREIGHT FORWARDING

This group includes establishments primarily engaged in undertaking the transportation of goods from shippers to receivers for a charge covering the entire transportation, and in turn making use of the services of other transportation establishments as instrumentalities in effecting delivery.

| OES CODE | OCCUPATION | ESTIMATED EMPLOYMENT | RELATIVE STANDARD ERROR | PERCENT OF TOTAL EMPLOYMENT |
|---|---|---|---|---|
| | TOTAL EMPLOYMENT..... | 5,660 | na | 100.00 |
| 10000 | Managers and Officers..... | 640 | 12.98 | 11.31 |
| 25401 | Accountants and Auditors..... | 40 | 33.74 | .71 |
| 29000 | All Other Professional Workers..... | 30 | na | .53 |
| 30000 | All Technical Workers..... | 20 | na | .35 |
| 40000 | All Service Workers..... | 70 | na | 1.24 |
| 55A87 | Delivery and Route Workers..... | 500 | 47.21 | 8.83 |
| 59001 | All Skilled Craftsmen and Kindred Workers..... | 80 | na | 1.41 |
| 59002 | All Other Operatives and Semi-skilled Workers..... | 250 | na | 4.42 |
| 59003 | All Laborers and Unskilled Workers. | 500 | na | 8.83 |
| 61105 | Computer Operators..... | 90 | 43.83 | 1.59 |
| 61199 | All Other Office Machine Operators. | 80 | na | 1.41 |
| 61301 | Accounting Clerks..... | 160 | 34.39 | 2.83 |
| 61307 | Bookkeepers, Hand..... | 200 | 36.29 | 3.53 |
| 61333 | General Office Clerks..... | 680 | 32.50 | 12.02 |
| 61361 | Receptionists..... | 20 | 49.93 | .35 |
| 61368 | Secretaries..... | 270 | 27.93 | 4.77 |
| 61392 | Typists..... | 210 | 28.04 | 3.71 |
| 61396 | Clerical Supervisors, Office or Plant..... | 80 | 33.74 | 1.41 |
| 61900 | All Other Office Clerical Workers.. | 560 | na | 9.89 |
| 62004 | Shipping Packers..... | 70 | 19.64 | 1.24 |
| 62900 | All Other Plant Clerical Workers... | 850 | na | 15.03 |
| 71000 | All Sales Agents, Associates, and/or Representatives..... | 260 | na | 4.59 |

TABLE 14
SIC 472
ARRANGEMENT OF TRANSPORTATION

This group includes establishments primarily engaged in furnishing travel information, acting as agents in arranging tours and transportation for passengers or acting as independent ticket agencies for transportation establishments. Also included are establishments primarily engaged in furnishing shipping information and acting as agents in arranging transportation for freight and cargo.

| OES CODE | OCCUPATION | ESTIMATED EMPLOYMENT | RELATIVE STANDARD ERROR | PERCENT OF TOTAL EMPLOYMENT |
|---|---|---|---|---|
| | TOTAL EMPLOYMENT..... | 8,620 | na | 100.00 |
| 10000 | Managers and Officers..... | 1,830 | 11.23 | 21.23 |
| 25531 | Travel Agents and/or Travel Accommodations Appraisers..... | 3,590 | 17.50 | 41.64 |
| 29000 | All Other Professional Workers..... | 80 | na | .93 |
| 40000 | All Service Workers..... | 160 | na | 1.86 |
| 59002 | All Operatives and Semiskilled Workers..... | 40 | na | .46 |
| 59003 | All Laborers and Unskilled Workers. | 10 | na | .12 |
| 61100 | All Office Machine Operators..... | 190 | na | 2.20 |
| 61301 | Accounting Clerks..... | 230 | 40.32 | 2.67 |
| 61307 | Bookkeepers, Hand..... | 260 | 37.74 | 3.02 |
| 61368 | Secretaries..... | 280 | 36.70 | 3.25 |
| 61900 | All Other Office Clerical Workers.. | 1,370 | na | 15.88 |
| 62000 | All Plant Clerical Workers..... | 110 | na | 1.28 |
| 71000 | All Sales Agents, Associates, and/or Representatives..... | 460 | na | 5.34 |
| 79000 | All Other Sales Workers..... | 10 | na | .12 |

TABLE 15
SIC 478
MISCELLANEOUS SERVICES INCIDENTAL TO TRANSPORTATION

This group includes establishments primarily engaged in inspecting and weighing goods connected with transportation, packing and crating goods for shipping, and the operation of fixed facilities for motor vehicle transportation. Also included are establishments primarily engaged in furnishing services incidental to transportation, not elsewhere classified.

| OES CODE | OCCUPATION | ESTIMATED EMPLOYMENT | RELATIVE STANDARD ERROR | PERCENT OF TOTAL EMPLOYMENT |
|---|---|---|---|---|
| | TOTAL EMPLOYMENT..... | 2,360 | na | 100.00 |
| 10000 | Managers and Officers..... | 120 | 38.94 | 5.08 |
| 20000 | All Professional Workers..... | 60 | na | 2.54 |
| 30000 | All Technical Workers..... | 10 | na | .42 |
| 40000 | All Service Workers..... | 10 | na | .42 |
| 51000 | All Mechanics and Repairers..... | 20 | na | .85 |
| 55A83 | Craters..... | 280 | 40.83 | 11.87 |
| 55B57 | Industrial Truck Operators..... | 90 | 39.83 | 3.81 |
| 59001 | All Other Skilled Craftsmen and Kindred Workers..... | 100 | na | 4.24 |
| 59002 | All Other Operatives and Semi-skilled Workers..... | 110 | na | 4.66 |
| 59003 | All Laborers and Unskilled Workers. | 810 | na | 34.33 |
| 61100 | All Office Machine Operators..... | 30 | na | 1.27 |
| 61368 | Secretaries..... | 30 | 46.85 | 1.27 |
| 61396 | Clerical Supervisors, Office or Plant..... | 40 | 45.31 | 1.69 |
| 61900 | All Other Office Clerical Workers.. | 350 | na | 14.84 |
| 62000 | All Plant Clerical Workers..... | 250 | na | 10.59 |
| 71000 | All Sales Agents, Associates, and/or Representatives..... | 50 | na | 2.12 |

TABLE 16
SIC 48
COMMUNICATION

This major group includes establishments furnishing point-to-point communication services, whether by wire or radio (telephone and telegraph), and whether to be received aurally or visually; and radio and television broadcasting. Services for the exchange or recording of messages are also included.

| OES CODE | OCCUPATION | ESTIMATED EMPLOYMENT | RELATIVE STANDARD ERROR | PERCENT OF TOTAL EMPLOYMENT |
|---|---|---|---|---|
| | TOTAL EMPLOYMENT..... | 97,170 | na | 100.00 |
| 10000 | Managers and Officers..... | 13,820 | 7.97 | 14.22 |
| 21000 | All Engineers..... | 840 | na | .86 |
| 22000 | Natural and Mathematical Scientists | 30 | 10.82 | .03 |
| 25200 | Photographers..... | 210 | 46.77 | .22 |
| 25299 | All Other Photographers..... | 340 | na | .35 |
| 25300 | Purchasing Agents and/or Buyers.... | 110 | 1.47 | .11 |
| 25401 | Accountants and Auditors..... | 190 | 27.11 | .20 |
| 25409 | Announcers, Radio and Television... | 2,570 | 42.13 | 2.64 |
| 25446 | Lawyers..... | 20 | 1.36 | .02 |
| 25465 | Personnel and Labor Relations Specialists..... | 270 | 3.36 | .28 |
| 25476 | Reporters and Correspondents..... | 1,010 | 20.88 | 1.04 |
| 29000 | All Other Professional Workers..... | 1,940 | na | 2.00 |
| 32003 | Drafters..... | 1,050 | 12.67 | 1.08 |
| 32017 | Broadcast Technicians..... | 1,130 | 49.15 | 1.16 |
| 32900 | All Other Engineering Technicians.. | 1,730 | na | 1.78 |
| 39000 | All Other Technical Workers..... | 240 | na | .25 |
| 41000 | Janitors, Porters, and Cleaners.... | 240 | na | .25 |
| 42000 | Guards and Doorkeepers..... | 20 | 4.75 | .02 |
| 49000 | All Other Service Workers..... | 10 | na | .01 |
| 51043 | Mechanics, Maintenance..... | 10 | 8.14 | .01 |
| 51900 | All Other Mechanics and Repairers.. | 630 | na | .65 |
| 55A42 | Cable Repairers..... | 1,190 | .99 | 1.22 |
| 55A43 | Cable Splicers..... | 3,300 | 33.64 | 3.40 |
| 55A55 | Central Office Repairers..... | 1,340 | 15.10 | 1.38 |
| 55B29 | Supervisors, Nonworking..... | 3,530 | 10.66 | 3.63 |
| 55B35 | Frame Wirers..... | 2,950 | 3.34 | 3.04 |
| 55B59 | Installers, Repairers, and/or Section Maintainers..... | 6,660 | 8.87 | 6.85 |
| 55B73 | Line Installer-Repairers..... | 2,440 | 44.91 | 2.51 |

Table 16 (Continued) Communication

| OES CODE | OCCUPATION | ESTIMATED EMPLOYMENT | RELATIVE STANDARD ERROR | PERCENT OF TOTAL EMPLOYMENT |
|---|---|---|---|---|
| 55C89 | Station Installers | 1,910 | 13.18 | 1.97 |
| 55C99 | Shop Repairers, Instrument | 10 | 10.37 | .01 |
| 55D11 | Telegraph Equipment Maintainers | 120 | .87 | .12 |
| 55D12 | Telegraph Plant Maintainers | 190 | 8.24 | .20 |
| 55D15 | Teletype Installers | 80 | 1.30 | .08 |
| 55D18 | Trouble Locators, Test Desk | 810 | 15.30 | .83 |
| 59001 | All Other Skilled Craftsmen and Kindred Workers | 2,360 | na | 2.43 |
| 59002 | All Other Operatives and Semi-skilled Workers | 140 | na | .14 |
| 59003 | All Laborers and Unskilled Workers. | 620 | na | .64 |
| 61103 | Bookkeeping and/or Billing Machine Operators | 240 | 1.14 | .25 |
| 61105 | Computer Operators | 150 | 40.69 | .15 |
| 61107 | Keypunch Operators | 390 | .88 | .40 |
| 61109 | Peripheral EDP Equipment Operators. | 110 | 1.11 | .11 |
| 61199 | All Other Office Machine Operators. | 30 | na | .03 |
| 61200 | Stenographers | 700 | .98 | .72 |
| 61301 | Accounting Clerks | 1,340 | 46.43 | 1.38 |
| 61319 | Collectors | 240 | 30.60 | .25 |
| 61333 | General Office Clerks | 3,580 | 21.62 | 3.68 |
| 61350 | Order Clerks | 1,420 | 1.07 | 1.46 |
| 61351 | Payroll and/or Timekeeping Clerks.. | 200 | 44.70 | .21 |
| 61352 | Personnel Clerks | 120 | 31.86 | .12 |
| 61354 | Private Branch Service Advisors.... | 40 | 1.08 | .04 |
| 61368 | Secretaries | 1,550 | 21.81 | 1.60 |
| 61374 | Statistical Clerks | 4,440 | 4.25 | 4.57 |
| 61376 | Switchboard Operators | 40 | 32.24 | .04 |
| 61386 | Traffic Clerks | 300 | 42.80 | .31 |
| 61428 | Directory Assistance Operators | 2,920 | .87 | 3.01 |
| 61430 | Central Office Operators | 5,660 | 20.15 | 5.82 |
| 61435 | Customer Servie Representatives.... | 6,240 | 19.56 | 6.42 |
| 61900 | All Other Office Clerical Workers.. | 4,640 | na | 4.78 |
| 62003 | Production Clerks and/or Coordinators | 2,260 | 14.29 | 2.33 |
| 62008 | Stock Clerks-Stockroom, Warehouse or Storage Yard | 950 | 20.69 | .98 |
| 62018 | Dispatchers-Vehicle, Service or Work | 360 | 49.77 | .37 |
| 62900 | All Other Plant Clerical Workers... | 380 | na | .39 |
| 71000 | Sales Agents, Associates, and/or Representatives | 4,180 | 16.79 | 4.30 |
| 72002 | Sales Clerks | 630 | 21.95 | .65 |

TABLE 17
SIC 481
TELEPHONE COMMUNICATION (WIRE OR RADIO)

This group includes establishments primarily engaged in furnishing telephone communication service by placing the parties in vocal conversation with each other. This industry includes domestic, international, marine, mobile, and aeronautical services.

| OES CODE | OCCUPATION | ESTIMATED EMPLOYMENT | RELATIVE STANDARD ERROR | PERCENT OF TOTAL EMPLOYMENT |
|---|---|---|---|---|
| | TOTAL EMPLOYMENT..... | 74,950 | na | 100.00 |
| 10000 | Managers and Officers..... | 11,170 | 8.87 | 14.91 |
| 21005 | Electrical and Electronic Engineers | 210 | 10.62 | .28 |
| 21900 | All Other Engineers..... | 120 | na | .16 |
| 22000 | Natural and Mathematical Scientists | 30 | 10.82 | .04 |
| 25200 | Photographers..... | 10 | 1.71 | .01 |
| 25300 | Purchasing Agents and/or Buyers.... | 100 | 1.49 | .13 |
| 25401 | Accountants and Auditors..... | 120 | 7.57 | .16 |
| 25426 | Commercial Artists..... | 70 | 1.11 | .09 |
| 25446 | Lawyers..... | 20 | 1.36 | .03 |
| 25465 | Personnel and Labor Relations Specialists..... | 260 | 3.45 | .35 |
| 25472 | Public Relations Practitioners..... | 20 | 6.28 | .03 |
| 29000 | All Other Professional Workers..... | 380 | na | .51 |
| 31000 | Computer Programmers..... | 10 | 6.84 | .01 |
| 32003 | Drafters..... | 1,030 | 5.12 | 1.37 |
| 32900 | All Other Engineering Technicians.. | 480 | na | .64 |
| 39000 | All Other Technical Workers..... | 230 | na | .31 |
| 41000 | Janitors, Porters, and Cleaners.... | 120 | na | .16 |
| 42000 | Guards and Doorkeepers..... | 10 | 10.36 | .01 |
| 44014 | Supervisors, Nonworking-Service.... | 10 | 2.48 | .01 |
| 51043 | Mechanics, Maintenance..... | 10 | 8.14 | .01 |
| 51900 | All Other Mechanics and Repairers.. | 400 | na | .53 |
| 55A40 | Cable Installers..... | 90 | 14.29 | .12 |
| 55A42 | Cable Repairers..... | 1,190 | .99 | 1.59 |
| 55A43 | Cable Splicers..... | 2,470 | 15.12 | 3.30 |
| 55A55 | Central Office Repairers..... | 1,340 | 15.10 | 1.79 |
| 55B29 | Supervisors, Nonworking..... | 3,400 | 10.43 | 4.54 |
| 55B35 | Frame Wirers..... | 2,950 | 3.34 | 3.94 |
| 55B59 | Installers, Repairers, and/or Section Maintainers..... | 6,620 | 8.92 | 8.83 |
| 55B73 | Line Installer-Repairers..... | 1,670 | 34.91 | 2.23 |

Table 17 (Continued) Telephone Communication (Wire or Radio)

| OES CODE | OCCUPATION | ESTIMATED EMPLOYMENT | RELATIVE STANDARD ERROR | PERCENT OF TOTAL EMPLOYMENT |
|---|---|---|---|---|
| 55B87 | Helpers, Trades | 20 | 8.86 | .03 |
| 55C89 | Station Installers | 1,910 | 13.18 | 2.55 |
| 55C99 | Shop Repairers, Instrument | 10 | 10.37 | .01 |
| 55D11 | Telegraph Equipment Maintainers | 80 | 1.30 | .11 |
| 55D12 | Telegraph Plant Maintainers | 90 | 17.88 | .12 |
| 55D15 | Teletype Installers | 80 | 1.30 | .11 |
| 55D18 | Trouble Locators, Test Desk | 800 | 15.34 | 1.07 |
| 59001 | All Other Skilled Craftsmen and Kindred Workers | 610 | na | .81 |
| 59002 | All Operatives and Semiskilled Workers | 100 | na | .13 |
| 59003 | All Other Laborers and Unskilled Workers | 10 | na | .01 |
| 61103 | Bookkeeping and/or Billing Machine Operators | 240 | 1.14 | .32 |
| 61105 | Computer Operators | 100 | 1.35 | .13 |
| 61107 | Keypunch Operators | 390 | .88 | .52 |
| 61109 | Peripheral EDP Equipment Operators | 110 | 1.11 | .15 |
| 61199 | All Other Office Machine Operators | 30 | na | .04 |
| 61200 | Stenographers | 700 | .99 | .93 |
| 61314 | Cashiers | 270 | 39.91 | .36 |
| 61319 | Collectors | 110 | 3.95 | .15 |
| 61333 | General Office Clerks | 2,850 | 7.89 | 3.80 |
| 61350 | Order Clerks | 1,420 | 1.07 | 1.89 |
| 61351 | Payroll and/or Timekeeping Clerks | 110 | 1.57 | .15 |
| 61352 | Personnel Clerks | 110 | 5.62 | .15 |
| 61354 | Private Branch Service Advisors | 40 | 1.08 | .05 |
| 61368 | Secretaries | 980 | 25.62 | 1.31 |
| 61374 | Statistical Clerks | 4,440 | 4.25 | 5.92 |
| 61376 | Switchboard Operators | 30 | 1.45 | .04 |
| 61377 | Switchboard Operator-Receptionists | 10 | 16.39 | .01 |
| 61428 | Directory Assistance Operators | 2,920 | .87 | 3.90 |
| 61430 | Central Office Operators | 5,660 | 20.15 | 7.55 |
| 61435 | Customer Service Representatives | 6,050 | 11.42 | 8.07 |
| 61900 | All Other Office Clerical Workers | 4,000 | na | 5.34 |
| 62003 | Production Clerks and/or Coordinators | 2,080 | 15.54 | 2.78 |
| 62008 | Stock Clerks-Stockroom, Warehouse or Storage Yard | 930 | 18.30 | 1.24 |
| 62900 | All Other Plant Clerical Workers | 400 | na | .53 |
| 71000 | Sales Agents, Associates, and/or Representatives | 2,090 | 5.20 | 2.79 |
| 72002 | Sales Clerks | 630 | 21.95 | .84 |

TABLE 18
SIC 483
RADIO AND TELEVISION BROADCASTING

This group includes stations primarily engaged in radio and television broadcasting to the public. Stations engaged in the sale of time for broadcast purposes, and the furnishing of program material or service, are also included.

| OES CODE | OCCUPATION | ESTIMATED EMPLOYMENT | RELATIVE STANDARD ERROR | PERCENT OF TOTAL EMPLOYMENT |
|---|---|---|---|---|
| | TOTAL EMPLOYMENT..... | 12,720 | na | 100.00 |
| 10000 | Managers and Officers..... | 1,690 | 18.46 | 13.29 |
| 21000 | All Engineers..... | 230 | na | 1.81 |
| 25200 | Photographers..... | 200 | 49.83 | 1.57 |
| 25409 | Announcers..... | 2,570 | 42.13 | 20.20 |
| 25476 | Reporters and Correspondents..... | 1,010 | 20.88 | 7.94 |
| 29000 | All Other Professional Workers..... | 1,830 | na | 14.39 |
| 32017 | Broadcast Technicians..... | 1,130 | 49.15 | 8.88 |
| 32900 | All Other Engineering Technicians.. | 160 | na | 1.26 |
| 41000 | Janitors, Porters, and Cleaners.... | 110 | na | .86 |
| 49000 | All Other Service Workers..... | 10 | na | .08 |
| 59001 | All Skilled Craftsmen and Kindred Workers..... | 280 | na | 2.20 |
| 59003 | All Laborers and Unskilled Workers. | 570 | na | 4.48 |
| 61301 | Accounting Clerks..... | 320 | 48.02 | 2.52 |
| 61368 | Secretaries..... | 390 | 39.26 | 3.07 |
| 61386 | Traffic Clerks..... | 280 | 44.84 | 2.20 |
| 61900 | All Other Office Clerical Workers.. | 500 | na | 3.93 |
| 71000 | Sales Agents, Associates, and/or Representatives..... | 1,440 | 21.98 | 11.32 |

TABLE 19
SIC 49
ELECTRIC, GAS, AND SANITARY SERVICES

This major group includes establishments engaged in the generation, transmission, and/or distribution of electricity or gas or steam. Such establishments may be combinations of any of the above services and also include other types of service such as transportation, communication, and refrigeration. Water and irrigation systems, and sanitary systems engaged in the collection and disposal of garbage, sewage, and other wastes by means of destroying or processing materials, are also included.

| OES CODE | OCCUPATION | ESTIMATED EMPLOYMENT | RELATIVE STANDARD ERROR | PERCENT OF TOTAL EMPLOYMENT |
|---|---|---|---|---|
| | TOTAL EMPLOYMENT..... | 74,350 | na | 100.00 |
| 10000 | Managers and Officers..... | 6,320 | 29.92 | 8.50 |
| 21005 | Electrical and Electronic Engineers | 1,440 | 22.21 | 1.94 |
| 21900 | All Other Engineers..... | 1,410 | na | 1.90 |
| 29000 | All Other Professional Workers..... | 7,220 | na | 9.71 |
| 32004 | Electrical and Electronic Technicians..... | 1,170 | 15.77 | 1.57 |
| 32021 | Estimators and Drafters, Utilities. | 690 | 44.67 | .93 |
| 32900 | All Other Engineering Technicians.. | 1,680 | na | 2.26 |
| 33000 | Science Technicians..... | 200 | na | .27 |
| 39000 | All Other Technical Workers..... | 1,260 | na | 1.69 |
| 41000 | Janitors, Porters, and Cleaners.... | 480 | na | .65 |
| 42000 | Guards and Doorkeepers..... | 310 | na | .42 |
| 43000 | Food Service Workers..... | 130 | na | .17 |
| 49000 | All Other Service Workers..... | 90 | na | .12 |
| 51008 | Mechanics, Automotive..... | 1,050 | 23.61 | 1.41 |
| 51023 | Electrical Instrument Repairers.... | 70 | 24.93 | .09 |
| 51036 | Hydroelectric Machinery Mechanics, Powerhouse Repairers, and/or Gas Plant Repairers..... | 880 | 34.50 | 1.18 |
| 51049 | Power Transformer Repairers..... | 140 | 13.11 | .19 |
| 51900 | All Other Mechanics and Repairers.. | 2,430 | na | 3.27 |
| 55A43 | Cable Splicers..... | 240 | 34.65 | .32 |
| 55B12 | Electricians..... | 1,300 | 17.95 | 1.75 |
| 55B29 | Supervisors, Nonworking..... | 2,270 | 32.96 | 3.05 |
| 55B49 | Ground Workers, Utilities..... | 1,050 | 31.28 | 1.41 |
| 55B57 | Industrial Truck Operators..... | 70 | 29.54 | .09 |
| 55B62 | Instrument Repairers..... | 880 | 46.39 | 1.18 |
| 55B73 | Line Installer-Repairers..... | 4,550 | 16.77 | 6.12 |
| 55B87 | Helpers, Trades..... | 1,440 | 37.30 | 1.94 |

Table 19 (Continued) Electric, Gas, and Sanitary Services

| OES CODE | OCCUPATION | ESTIMATED EMPLOYMENT | RELATIVE STANDARD ERROR | PERCENT OF TOTAL EMPLOYMENT |
|---|---|---|---|---|
| 55D01 | Substation Operators | 620 | 38.94 | .83 |
| 55D03 | Switchboard Operators, General Plant | 100 | 22.17 | .13 |
| 55D33 | Turbine Operators | 160 | 26.25 | .22 |
| 55D95 | Dispatchers, Load | 140 | 5.88 | .19 |
| 59001 | All Other Skilled Craftsmen and Kindred Workers | 7,930 | na | 10.68 |
| 59002 | All Other Kindred Workers and Semi-skilled Workers | 4,010 | na | 5.39 |
| 59003 | All Other Laborers and Unskilled Workers | 780 | na | 1.05 |
| 61100 | All Office Machine Operators | 1,550 | na | 2.08 |
| 61200 | Stenographers | 780 | 33.85 | 1.05 |
| 61314 | Cashiers | 650 | 38.26 | .87 |
| 61333 | General Office Clerks | 3,880 | 43.45 | 5.22 |
| 61368 | Secretaries | 2,200 | 42.20 | 2.96 |
| 61376 | Switchboard Operators | 220 | 42.92 | .30 |
| 61900 | All Other Office Clerical Workers | 7,900 | na | 10.64 |
| 62008 | Stock Clerks-Stockroom, Warehouse, or Storage Yard | 990 | 28.45 | 1.33 |
| 62018 | Dispatchers-Vehicle, Service or Work | 470 | 46.98 | .63 |
| 62900 | All Other Plant Clerical Workers | 2,580 | na | 3.47 |
| 71000 | Sales Agents, Associates, and/or Representatives | 620 | na | .83 |

TABLE 20
SIC 491
ELECTRIC SERVICES

This group includes establishments engaged in the generation, transmission and/or distribution of electric energy for sale.

| OES CODE | OCCUPATION | ESTIMATED EMPLOYMENT | RELATIVE STANDARD ERROR | PERCENT OF TOTAL EMPLOYMENT |
|---|---|---|---|---|
| | TOTAL EMPLOYMENT..... | 40,990 | na | 100.00 |
| 10000 | Managers and Officers..... | 2,250 | 10.57 | 5.50 |
| 21003 | Chemical Engineers..... | 10 | 24.34 | .02 |
| 21004 | Civil Engineers..... | 60 | 18.99 | .15 |
| 21005 | Electrical and Electronic Engineers | 1,360 | 21.28 | 3.32 |
| 21006 | Industrial Engineers..... | 70 | 15.02 | .17 |
| 21008 | Mechanical Engineers..... | 100 | 21.37 | .24 |
| 21900 | All Other Engineers..... | 40 | na | .10 |
| 22000 | Natural and Mathematical Scientists | 250 | 7.66 | .61 |
| 24000 | Systems Analysts, Electronic Data Processing..... | 250 | 5.46 | .61 |
| 25300 | Purchasing Agents and/or Buyers.... | 120 | 30.56 | .29 |
| 25401 | Accountants and Auditors..... | 940 | 22.12 | 2.29 |
| 25446 | Lawyers..... | 10 | 12.41 | .02 |
| 25465 | Personnel and Labor Relations Specialists..... | 260 | 4.22 | .63 |
| 25477 | Right-of-Way Agents..... | 110 | 25.33 | .27 |
| 25532 | Home Economists..... | 100 | 41.16 | .24 |
| 29000 | All Other Professional Workers..... | 1,130 | na | 2.76 |
| 31000 | Computer Programmers..... | 170 | 14.05 | .41 |
| 32003 | Drafters..... | 450 | 34.10 | 1.10 |
| 32004 | Electrical and Electronic Technicians..... | 1,080 | 8.98 | 2.63 |
| 32008 | Surveyors..... | 110 | 25.35 | .27 |
| 32010 | Mechanical Engineering Technicians. | 50 | 26.58 | .12 |
| 32021 | Estimators and Drafters, Utilities. | 690 | 44.67 | 1.68 |
| 32900 | All Other Engineering Technicians.. | 160 | na | .39 |
| 33000 | Science Technicians..... | 70 | 9.88 | .17 |
| 39000 | All Other Technical Workers..... | 200 | na | .49 |
| 41000 | Janitors, Porters, and Cleaners.... | 220 | 27.62 | .54 |
| 42000 | Guards and Doorkeepers..... | 60 | 16.51 | .15 |
| 43000 | Food Service Workers..... | 10 | 29.61 | .02 |
| 49000 | All Other Service Workers..... | 40 | na | .10 |
| 51008 | Mechanics, Automotive..... | 640 | 12.43 | 1.56 |
| 51023 | Electrical Instrument Repairers.... | 70 | 24.93 | .17 |

Table 20 (Continued) Electric Services

| OES CODE | OCCUPATION | ESTIMATED EMPLOYMENT | RELATIVE STANDARD ERROR | PERCENT OF TOTAL EMPLOYMENT |
|---|---|---|---|---|
| 51027 | Electric Meter Installers, Cut-In, Cut-Out, or Outside | 680 | 34.25 | 1.66 |
| 51036 | Hydroelectric Machinery Mechanics, Powerhouse Repairers, and/or Gas Plant Repairers | 800 | 16.65 | 1.95 |
| 51043 | Mechanics, Maintenance | 220 | 13.51 | .54 |
| 51049 | Power Transformer Repairers | 140 | 13.11 | .34 |
| 51900 | All Other Mechanics and Repairers | 200 | na | .49 |
| 54000 | Truck Drivers | 350 | 23.78 | .85 |
| 55A43 | Cable Splicers | 240 | 34.65 | .59 |
| 55B12 | Electricians | 1,280 | 15.87 | 3.12 |
| 55B15 | Auxiliary Equipment Operators | 560 | 13.93 | 1.37 |
| 55B29 | Supervisors, Nonworking | 1,540 | 6.55 | 3.76 |
| 55B49 | Ground Workers, Utilities | 1,050 | 31.28 | 2.56 |
| 55B52 | Heavy Equipment Operators | 310 | 44.93 | .76 |
| 55B57 | Industrial Truck Operators | 70 | 27.37 | .17 |
| 55B58 | Inspectors | 100 | 5.69 | .24 |
| 55B62 | Instrument Repairers | 720 | 23.86 | 1.76 |
| 55B73 | Line Installer-Repairers | 4,550 | 16.77 | 11.11 |
| 55B84 | Machinists | 20 | 29.59 | .05 |
| 55B87 | Helpers, Trades | 1,090 | 32.89 | 2.66 |
| 55C12 | Painters, Maintenance | 20 | 11.65 | .05 |
| 55D01 | Substation Operators | 620 | 38.94 | 1.51 |
| 55D03 | Switchboard Operators, Generating Plant | 100 | 22.17 | .24 |
| 55D33 | Turbine Operators | 160 | 26.25 | .39 |
| 55D46 | Welders and/or Flamecutters | 20 | 24.60 | .05 |
| 55D88 | Surveyor Helpers | 50 | 9.36 | .12 |
| 55D95 | Dispatchers, Load | 140 | 5.88 | .34 |
| 59001 | All Other Skilled Craftsmen and Kindred Workers | 2,160 | na | 5.27 |
| 59002 | All Other Operatives and Semi-skilled Workers | 480 | na | 1.17 |
| 59003 | All Other Laborers and Unskilled Workers | 230 | na | .56 |
| 61105 | Computer Operators | 100 | 9.18 | .24 |
| 61109 | Peripheral EDP Equipment Operators | 20 | 23.92 | .05 |
| 61199 | All Other Office Machine Operators | 280 | na | .68 |
| 61200 | Stenographers | 670 | 26.24 | 1.63 |
| 61301 | Accounting Clerks | 710 | 41.41 | 1.73 |
| 61314 | Cashiers | 610 | 38.18 | 1.49 |
| 61319 | Collectors | 340 | 32.06 | .83 |
| 61333 | General Office Clerks | 1,560 | 21.66 | 3.81 |
| 61350 | Order Clerks | 60 | 11.10 | .15 |
| 61352 | Personnel Clerks | 40 | 18.58 | .10 |
| 61361 | Receptionists | 70 | 48.27 | .17 |
| 61368 | Secretaries | 860 | 21.16 | 2.10 |

Table 20 (Continued) Electric Services

| OES CODE | OCCUPATION | ESTIMATED EMPLOYMENT | RELATIVE STANDARD ERROR | PERCENT OF TOTAL EMPLOYMENT |
|---|---|---|---|---|
| 61376 | Switchboard Operators..... | 150 | 33.88 | .37 |
| 61392 | Typists..... | 480 | 11.48 | 1.17 |
| 61396 | Clerical Supervisors, Office or Plant..... | 450 | 18.31 | 1.10 |
| 61435 | Customer Servie Representatives.... | 800 | 38.24 | 1.95 |
| 61900 | All Other Office Clerical Workers.. | 1,210 | na | 2.95 |
| 62002 | Meter Readers, Utilities..... | 1,310 | 23.57 | 3.20 |
| 62008 | Stock Clerks-Stockroom, Warehouse or Storage Yard..... | 890 | 21.36 | 2.17 |
| 62900 | All Other Plant Clerical Workers... | 890 | na | 2.17 |
| 71000 | Sales Agents, Associates, and/or Representatives..... | 510 | 27.11 | 1.24 |

TABLE 21
SIC 492
GAS PRODUCTION AND DISTRIBUTION

This group includes establishments engaged in the transmission and distribution of natural gas for sale. Such establishments may be a combination of both. Establishments engaged in the manufacture and/or distribution of gas for sale including mixtures of manufactured with natural gas are also included.

| OES CODE | OCCUPATION | ESTIMATED EMPLOYMENT | RELATIVE STANDARD ERROR | PERCENT OF TOTAL EMPLOYMENT |
|---|---|---|---|---|
| | TOTAL EMPLOYMENT..... | 29,540 | na | 100.00 |
| 10000 | Managers and Officers..... | 3,780 | 49.61 | 12.80 |
| 21000 | All Engineers..... | 1,220 | na | 4.13 |
| 29000 | All Other Professional Workers..... | 3,930 | na | 13.30 |
| 32000 | All Engineering Technicians..... | 1,000 | na | 3.39 |
| 33000 | Science Technicians..... | 130 | na | .44 |
| 39000 | All Other Technical Workers..... | 890 | na | 3.01 |
| 41000 | Janitors, Porters, and Cleaners.... | 260 | na | .88 |
| 42000 | Guards and Doorkeepers..... | 240 | na | .81 |
| 43000 | Food Service Workers..... | 120 | na | .41 |
| 49000 | All Other Service Workers..... | 50 | na | .17 |
| 51000 | All Mechanics and Repairers..... | 1,180 | na | 3.99 |
| 59001 | All Other Skilled Craftsmen and Kindred Workers..... | 4,850 | na | 16.42 |
| 59002 | All Operatives and Semiskilled Workers..... | 2,050 | na | 6.94 |
| 59003 | All Laborers and Unskilled Workers. | 700 | na | 2.37 |
| 61100 | All Office Machine Operators..... | 840 | na | 2.84 |
| 61900 | All Other Office Clerical Workers.. | 7,520 | na | 25.46 |
| 62000 | All Plant Clerical Workers..... | 670 | na | 2.27 |
| 71000 | All Sales Workers..... | 110 | na | .37 |

TABLE 22
SIC 51
WHOLESALE TRADE--NONDURABLE GOODS

This major group includes establishments primarily engaged in the wholesale distribution of nondurable goods such as paper and paper products; drugs, drug proprietaries and druggists' sundries; apparel, piece goods, and notions; groceries and related products; farm-product raw materials; chemicals and allied products; petroleum and petroleum products; and miscellaneous nondurable goods.

| OES CODE | OCCUPATION | ESTIMATED EMPLOYMENT | RELATIVE STANDARD ERROR | PERCENT OF TOTAL EMPLOYMENT |
|---|---|---|---|---|
| | TOTAL EMPLOYMENT..... | 165,120 | na | 100.00 |
| 10032 | Managers, Merchandise..... | 2,760 | 38.05 | 1.67 |
| 10048 | Wholesalers..... | 6,620 | 32.09 | 4.01 |
| 19000 | All Other Managers and Officers.... | 8,230 | na | 4.98 |
| 21000 | All Engineers..... | 680 | na | .41 |
| 22100 | Mathematical Scientists..... | 270 | na | .16 |
| 22200 | Physical Scientists..... | 110 | na | .07 |
| 22300 | Life Scientists..... | 1,030 | na | .62 |
| 25401 | Accountants and Auditors..... | 2,220 | 48.79 | 1.34 |
| 29000 | All Other Professional Workers..... | 2,810 | na | 1.70 |
| 32000 | All Engineering Technicians..... | 570 | na | .35 |
| 33000 | Science Technicians..... | 250 | na | .15 |
| 39000 | All Other Technical Workers..... | 1,000 | na | .61 |
| 41000 | Janitors, Porters, and Cleaners.... | 990 | na | .60 |
| 42000 | Guards and Doorkeepers..... | 230 | na | .14 |
| 43000 | Food Service Workers..... | 1,390 | na | .84 |
| 49000 | All Other Service Workers..... | 170 | na | .10 |
| 51000 | All Mechanics and Repairers..... | 2,490 | na | 1.51 |
| 54000 | Truck Drivers..... | 6,920 | 43.49 | 4.19 |
| 55A87 | Delivery and Route Workers..... | 14,080 | 33.21 | 8.53 |
| 55B29 | Supervisors, Nonworking..... | 2,670 | 46.21 | 1.62 |
| 59001 | All Other Skilled Craftsmen and Kindred Workers..... | 2,850 | na | 1.73 |
| 59002 | All Other Operatives and Semi-skilled Workers..... | 8,300 | na | 5.03 |
| 59003 | All Laborers and Unskilled Workers. | 20,090 | na | 12.17 |
| 61100 | All Office Machine Operators..... | 2,360 | na | 1.43 |
| 61301 | Accounting Clerks..... | 3,460 | 30.43 | 2.10 |
| 61307 | Bookkeepers, Hand..... | 2,910 | 35.27 | 1.76 |
| 61333 | General Office Clerks..... | 4,090 | 35.43 | 2.48 |
| 61368 | Secretaries..... | 5,450 | 25.01 | 3.30 |

Table 22 (Continued) Wholesale Trade--Nondurable Goods

| OES CODE | OCCUPATION | ESTIMATED EMPLOYMENT | RELATIVE STANDARD ERROR | PERCENT OF TOTAL EMPLOYMENT |
|---|---|---|---|---|
| 61392 | Typists | 2,590 | 47.67 | 1.57 |
| 61396 | Clerical Supervisors, Office or Plant | 2,290 | 33.33 | 1.39 |
| 61900 | All Other Office Clerical Workers | 8,790 | na | 5.32 |
| 62000 | All Plant Clerical Workers | 14,570 | na | 8.82 |
| 71000 | Sales Agents, Associates, and/or Representatives | 26,780 | 35.05 | 16.21 |
| 79000 | All Other Sales Workers | 5,100 | na | 3.09 |

TABLE 23
SIC 511
PAPER AND PAPER PRODUCTS

This group includes establishments primarily engaged in the wholesale distribution of writing paper; stationery and office supplies; and wrapping and other coarse paper, paperboard, cellophane, and converted paper products.

| OES CODE | OCCUPATION | ESTIMATED EMPLOYMENT | RELATIVE STANDARD ERROR | PERCENT OF TOTAL EMPLOYMENT |
|---|---|---|---|---|
| | TOTAL EMPLOYMENT..... | 10,110 | na | 100.00 |
| 10000 | Managers and Officers..... | 1,030 | na | 10.19 |
| 20000 | All Professional Workers..... | 250 | na | 2.47 |
| 30000 | All Technical Workers..... | 20 | na | .20 |
| 41000 | Janitors, Porters, and Cleaners.... | 20 | na | .20 |
| 59001 | All Skilled Craftsmen and Kindred Workers..... | 250 | na | 2.47 |
| 59002 | All Operatives and Semiskilled Workers..... | 790 | na | 7.81 |
| 59003 | All Laborers and Unskilled Workers. | 1,060 | na | 10.48 |
| 61100 | All Office Machine Operators..... | 220 | na | 2.18 |
| 61900 | All Other Office Clerical Workers.. | 2,310 | na | 22.85 |
| 62000 | All Plant Clerical Workers..... | 1,160 | na | 11.47 |
| 71000 | Sales Agents, Associates, and/or Representatives..... | 2,730 | 44.94 | 27.01 |
| 79000 | All Other Sales Workers..... | 270 | na | 2.67 |

TABLE 24
SIC 512
DRUGS, DRUG PROPRIETARIES, AND DRUGGISTS' SUNDRIES

This group includes establishments primarily engaged in the wholesale distribution of drugs, drug proprietaries, druggists' sundries, and toiletries.

| OES CODE | OCCUPATION | ESTIMATED EMPLOYMENT | RELATIVE STANDARD ERROR | PERCENT OF TOTAL EMPLOYMENT |
|---|---|---|---|---|
| | TOTAL EMPLOYMENT..... | 10,960 | na | 100.00 |
| 10000 | Managers and Officers..... | 640 | na | 5.84 |
| 21000 | All Engineers..... | 130 | na | 1.19 |
| 29000 | All Other Professional Workers..... | 300 | na | 2.74 |
| 32000 | All Engineering Technicians..... | 260 | na | 2.37 |
| 39000 | All Other Technical Workers..... | 240 | na | 2.19 |
| 41000 | Janitors, Porters, and Cleaners.... | 70 | na | .64 |
| 49000 | All Other Service Workers..... | 70 | na | .64 |
| 59001 | All Skilled Craftsmen and Kindred Workers..... | 820 | na | 7.48 |
| 59002 | All Operatives and Semiskilled Workers..... | 720 | na | 6.57 |
| 59003 | All Laborers and Unskilled Workers. | 1,720 | na | 15.69 |
| 61100 | All Office Machine Operators..... | 280 | na | 2.55 |
| 61900 | All Other Office Clerical Workers.. | 2,140 | na | 19.53 |
| 62000 | All Plant Clerical Workers..... | 610 | na | 5.57 |
| 71000 | Sales Agents, Associates, and/or Representatives..... | 2,910 | na | 26.54 |
| 79000 | All Other Sales Workers..... | 50 | na | .46 |

TABLE 25
SIC 514
GROCERIES AND RELATED PRODUCTS

This group includes establishments engaged in the wholesale distribution of a general line of groceries; frozen foods; dairy products; poultry and poultry products; confectionery; fish and seafoods; meat and meat products; fresh fruits and vegetables; and groceries and related products, not elsewhere classified.

| OES CODE | OCCUPATION | ESTIMATED EMPLOYMENT | RELATIVE STANDARD ERROR | PERCENT OF TOTAL EMPLOYMENT |
|---|---|---|---|---|
| | TOTAL EMPLOYMENT..... | 48,100 | na | 100.00 |
| 10000 | Managers and Officers..... | 3,720 | na | 7.73 |
| 20000 | All Professional Workers..... | 1,090 | na | 2.27 |
| 30000 | All Technical Workers..... | 250 | na | .52 |
| 41000 | Janitors, Porters, and Cleaners.... | 420 | na | .87 |
| 42000 | Guards and Doorkeepers..... | 100 | na | .21 |
| 43000 | All Food Service Workers..... | 630 | na | 1.31 |
| 49000 | All Other Service Workers..... | 10 | na | .02 |
| 51000 | All Mechanics and Repairers..... | 740 | na | 1.54 |
| 59001 | All Other Skilled Craftsmen and Kindred Workers..... | 900 | na | 1.87 |
| 59002 | All Operatives and Semiskilled Workers..... | 11,020 | na | 22.91 |
| 59003 | All Laborers and Unskilled Workers. | 8,770 | na | 18.23 |
| 61100 | All Office Machine Operators..... | 550 | na | 1.14 |
| 61900 | All Other Office Clerical Workers.. | 4,780 | na | 9.94 |
| 62000 | All Plant Clerical Workers..... | 6,710 | na | 13.95 |
| 71000 | Sales Agents, Associates, and/or Representatives..... | 7,180 | na | 14.93 |
| 79000 | All Other Sales Workers..... | 1,230 | na | 2.56 |

TABLE 26
SIC 517
PETROLEUM AND PETROLEUM PRODUCTS

This group includes establishments primarily engaged in wholesaling petroleum and petroleum products which may or may not include bulk liquid storage facilities.

| OES CODE | OCCUPATION | ESTIMATED EMPLOYMENT | RELATIVE STANDARD ERROR | PERCENT OF TOTAL EMPLOYMENT |
|---|---|---|---|---|
| | TOTAL EMPLOYMENT..... | 27,750 | na | 100.00 |
| 10000 | Managers and Officers..... | 4,830 | na | 17.42 |
| 21000 | All Engineers..... | 370 | na | 1.33 |
| 22100 | All Mathematical Scientists..... | 270 | na | .97 |
| 25300 | Purchasing Agents and/or Buyers.... | 90 | 48.05 | .32 |
| 29000 | All Other Professional Workers..... | 2,570 | na | 9.26 |
| 32000 | All Engineering Technicians..... | 130 | na | .47 |
| 39000 | All Other Technical Workers..... | 220 | na | .79 |
| 41000 | Janitors, Porters, and Cleaners.... | 160 | na | .58 |
| 42000 | Guards and Doorkeepers..... | 80 | na | .29 |
| 43000 | All Food Service Workers..... | 760 | na | 2.74 |
| 49000 | All Other Service Workers..... | 40 | na | .14 |
| 51000 | All Mechanics and Repairers..... | 1,300 | na | 4.68 |
| 54000 | Truck Drivers..... | 2,450 | 48.31 | 8.83 |
| 59001 | All Other Skilled Craftsmen and Kindred Workers..... | 960 | na | 3.46 |
| 59002 | All Other Operatives and Semi-skilled Workers..... | 2,800 | na | 10.09 |
| 59003 | All Laborers and Unskilled Workers. | 530 | na | 1.91 |
| 61105 | Computer Operators..... | 100 | 35.76 | .36 |
| 61199 | All Other Office Machine Operators. | 210 | na | .76 |
| 61301 | Accounting Clerks..... | 1,600 | 38.83 | 5.77 |
| 61333 | General Office Clerks..... | 1,580 | 42.76 | 5.69 |
| 61368 | Secretaries..... | 1,560 | 36.92 | 5.62 |
| 61396 | Clerical Supervisors, Office or Plant..... | 400 | 49.69 | 1.44 |
| 61900 | All Other Office Clerical Workers.. | 2,260 | na | 8.14 |
| 62000 | All Plant Clerical Workers..... | 740 | na | 2.67 |
| 71000 | Sales Agents, Associates, and/or Representatives..... | 980 | na | 3.53 |
| 79000 | All Other Sales Workers..... | 760 | na | 2.74 |

TABLE 27
SIC 518
BEER, WINE AND DISTILLED ALCOHOLIC BEVERAGES

This group includes establishments primarily engaged in the wholesale distribution of beer, ale, porter, other fermented malt beverages, and distilled spirits--including neutral spirits and ethyl alcohol used in blending wines and distilled liquors.

| OES CODE | OCCUPATION | ESTIMATED EMPLOYMENT | RELATIVE STANDARD ERROR | PERCENT OF TOTAL EMPLOYMENT |
|---|---|---|---|---|
| | TOTAL EMPLOYMENT..... | 12,030 | na | 100.00 |
| 10000 | Managers and Officers..... | 1,190 | na | 9.89 |
| 20000 | All Professional Workers..... | 190 | na | 1.58 |
| 30000 | All Technical Workers..... | 130 | na | 1.08 |
| 41000 | Janitors, Porters, and Cleaners.... | 140 | na | 1.16 |
| 49000 | All Other Service Workers..... | 10 | na | .08 |
| 51000 | All Mechanics and Repairers..... | 100 | na | .83 |
| 55A87 | Delivery and Route Workers..... | 2,560 | 25.12 | 21.29 |
| 55B57 | Industrial Truck Operators..... | 730 | 45.07 | 6.07 |
| 59001 | All Other Skilled Craftsmen and Kindred Workers..... | 280 | na | 2.33 |
| 59002 | All Other Operatives and Semi-skilled Workers..... | 260 | na | 2.16 |
| 59003 | All Laborers and Unskilled Workers. | 2,400 | na | 19.95 |
| 61100 | All Office Machine Operators..... | 120 | na | 1.00 |
| 61900 | All Other Office Clerical Workers.. | 1,090 | na | 9.06 |
| 62000 | All Plant Clerical Workers..... | 360 | na | 2.99 |
| 71000 | Sales Agents, Associates, and/or Representatives..... | 1,640 | na | 13.63 |
| 79000 | All Other Sales Workers..... | 830 | na | 6.90 |

TABLE 28
SIC 52
BUILDING MATERIALS, HARDWARE, GARDEN SUPPLY,
AND MOBILE HOME DEALERS

This major group includes retail establishments primarily engaged in selling lumber and other building materials; paint; glass and wallpaper; hardware; nursery stock; lawn and garden supplies; and mobile homes.

| OES CODE | OCCUPATION | ESTIMATED EMPLOYMENT | RELATIVE STANDARD ERROR | PERCENT OF TOTAL EMPLOYMENT |
|---|---|---|---|---|
| | TOTAL EMPLOYMENT..... | 49,260 | na | 100.00 |
| 10032 | Managers, Merchandise..... | 1,080 | 43.46 | 2.19 |
| 10035 | Managers, Retail Store..... | 4,690 | 21.21 | 9.52 |
| 19000 | All Other Managers and Officers.... | 320 | na | .65 |
| 25301 | Buyers, Retail and/or Wholesale Trade..... | 650 | 36.58 | 1.32 |
| 25426 | Commercial Artists..... | 10 | 13.94 | .02 |
| 29000 | All Other Professional Workers..... | 160 | na | .32 |
| 32000 | All Engineering Technicians..... | 100 | na | .20 |
| 41000 | Janitors, Porters, and Cleaners.... | 660 | 43.11 | 1.34 |
| 42000 | Guards and Doorkeepers..... | 40 | 35.42 | .08 |
| 51000 | All Mechanics and Repairers..... | 170 | na | .35 |
| 54000 | Truck Drivers..... | 2,520 | 23.95 | 5.12 |
| 55A87 | Delivery and Route Workers..... | 890 | 41.90 | 1.81 |
| 55B57 | Industrial Truck Operators..... | 740 | 41.86 | 1.50 |
| 55C08 | Order Fillers..... | 380 | 22.70 | .77 |
| 55D74 | Stock Clerks, Sales Floor..... | 960 | 46.88 | 1.95 |
| 55T38 | Mobile Home Set-Up Operators..... | 1,330 | 47.46 | 2.70 |
| 59001 | All Other Skilled Craftsmen and Kindred Workers..... | 3,240 | na | 6.58 |
| 59002 | All Other Operatives and Semi-skilled Workers..... | 1,340 | na | 2.72 |
| 59003 | All Other Laborers and Unskilled Workers..... | 5,430 | na | 11.02 |
| 61103 | Bookkeeping and/or Billing Machine Operators..... | 50 | 31.80 | .10 |
| 61199 | All Other Office Machine Operators. | 30 | na | .06 |
| 61301 | Accounting Clerks..... | 890 | 34.30 | 1.81 |
| 61307 | Bookkeepers, Hand..... | 1,650 | 33.76 | 3.35 |
| 61314 | Cashiers..... | 1,970 | 28.00 | 4.00 |
| 61319 | Collectors..... | 50 | 43.75 | .10 |
| 61333 | General Office Clerks..... | 1,560 | 28.95 | 3.17 |
| 61357 | Credit Reference Clerks..... | 40 | 47.14 | .08 |

Table 28 (Continued) Building Materials, Hardware, Garden Supply, and Mobile Home Dealers

| OES CODE | OCCUPATION | ESTIMATED EMPLOYMENT | RELATIVE STANDARD ERROR | PERCENT OF TOTAL EMPLOYMENT |
|---|---|---|---|---|
| 61368 | Secretaries | 750 | 39.07 | 1.52 |
| 61377 | Switchboard Operator-Receptionists. | 40 | 49.45 | .08 |
| 61396 | Clerical Supervisors, Office or Plant | 210 | 29.99 | .43 |
| 61900 | All Other Office Clerical Workers.. | 320 | na | .65 |
| 62005 | Shipping and/or Receiving Clerks... | 720 | 39.54 | 1.46 |
| 62900 | All Other Plant Clerical Workers... | 890 | na | 1.81 |
| 71000 | Sales Agents, Associates, and/or Representatives | 6,720 | 18.57 | 13.64 |
| 72002 | Sales Clerks | 8,300 | 25.68 | 16.85 |
| 79000 | All Other Sales Workers | 360 | na | .73 |

TABLE 29
SIC 521
LUMBER AND OTHER BUILDING MATERIALS DEALERS

This group includes establishments engaged in selling primarily lumber, or lumber and a general line of building materials, to the general public.

| OES CODE | OCCUPATION | ESTIMATED EMPLOYMENT | RELATIVE STANDARD ERROR | PERCENT OF TOTAL EMPLOYMENT |
|---|---|---|---|---|
| | TOTAL EMPLOYMENT..... | 24,230 | na | 100.00 |
| 10032 | Managers, Merchandise..... | 540 | 30.53 | 2.23 |
| 10035 | Managers, Retail Store..... | 2,460 | 12.78 | 10.15 |
| 19000 | All Other Managers..... | 190 | na | .78 |
| 25301 | Buyers, Retail and/or Wholesale Trade..... | 510 | 40.51 | 2.10 |
| 29000 | All Other Professional Workers..... | 100 | na | .41 |
| 30000 | All Technical Workers..... | 50 | na | .21 |
| 41000 | Janitors, Porters, and Cleaners.... | 210 | 45.76 | .87 |
| 42000 | Guards and Doorkeepers..... | 40 | 36.35 | .17 |
| 51000 | All Mechanics and Repairers..... | 60 | na | .25 |
| 54000 | Truck Drivers..... | 2,300 | 25.26 | 9.49 |
| 55B29 | Supervisors, Nonworking..... | 220 | 43.54 | .91 |
| 55B57 | Industrial Truck Operators..... | 740 | 41.86 | 3.05 |
| 55C08 | Order Fillers..... | 360 | 12.74 | 1.49 |
| 59001 | All Other Skilled Craftsmen and Kindred Workers..... | 480 | na | 1.98 |
| 59002 | All Other Operatives and Semi-skilled Workers..... | 1,180 | na | 4.87 |
| 59003 | All Other Laborers and Unskilled Workers..... | 2,320 | na | 9.57 |
| 61103 | Bookkeeping and/or Billing Machine Operators..... | 40 | 42.97 | .17 |
| 61199 | All Other Office Machine Operators. | 30 | na | .12 |
| 61301 | Accounting Clerks..... | 520 | 32.52 | 2.15 |
| 61307 | Bookkeepers, Hand..... | 990 | 27.15 | 4.09 |
| 61314 | Cashiers..... | 1,210 | 25.03 | 4.99 |
| 61319 | Collectors..... | 50 | 43.75 | .21 |
| 61333 | General Office Clerks..... | 700 | 41.14 | 2.89 |
| 61351 | Payroll and/or Timekeeping Clerks.. | 60 | 28.56 | .25 |
| 61357 | Credit Reference Clerks..... | 40 | 48.49 | .17 |
| 61396 | Clerical Supervisors, Office or Plant..... | 180 | 16.60 | .74 |
| 61900 | All Other Office Clerical Workers.. | 520 | na | 2.15 |

Table 29 (Continued) Lumber and Other Building Materials Dealers

| OES CODE | OCCUPATION | ESTIMATED EMPLOYMENT | RELATIVE STANDARD ERROR | PERCENT OF TOTAL EMPLOYMENT |
|---|---|---|---|---|
| 62008 | Stock Clerks-Stockroom, Warehouse or Storage Yard..... | 240 | 47.47 | .99 |
| 62900 | All Other Plant Clerical Workers... | 630 | na | 2.60 |
| 71000 | Sales Agents, Associates, and/or Representatives..... | 2,800 | 25.40 | 11.56 |
| 72002 | Sales Clerks..... | 4,130 | 27.68 | 17.03 |
| 72007 | Sales Clerk Supervisors..... | 60 | 48.14 | .25 |
| 79000 | All Other Sales Workers..... | 270 | na | 1.11 |

TABLE 30
SIC 523
PAINT, GLASS, AND WALLPAPER STORES

This group includes establishments engaged in selling primarily paint, glass, and wallpaper, or any combination of these lines, to the general public.

| OES CODE | OCCUPATION | ESTIMATED EMPLOYMENT | RELATIVE STANDARD ERROR | PERCENT OF TOTAL EMPLOYMENT |
|---|---|---|---|---|
| | TOTAL EMPLOYMENT..... | 6,310 | na | 100.00 |
| 10000 | Managers and Officers..... | 700 | na | 11.09 |
| 20000 | All Professional Workers..... | 30 | na | .48 |
| 59001 | All Skilled Craftsmen and Kindred Workers..... | 1,940 | na | 30.74 |
| 59002 | All Operatives and Semiskilled Workers..... | 420 | na | 6.66 |
| 59003 | All Laborers and Unskilled Workers. | 510 | na | 8.08 |
| 61000 | All Office Clerical Workers..... | 720 | na | 11.41 |
| 62000 | All Plant Clerical Workers..... | 140 | na | 2.22 |
| 71000 | Sales Agents, Associates, and/or Representatives..... | 770 | na | 12.20 |
| 79000 | All Other Sales Workers..... | 1,080 | na | 17.12 |

TABLE 31
SIC 525
HARDWARE STORES

This group includes establishments primarily engaged in the retail sale of a number of basic hardware lines, such as tools, builders' hardware, paint and glass, housewares and household appliances and cutlery.

| OES CODE | OCCUPATION | ESTIMATED EMPLOYMENT | RELATIVE STANDARD ERROR | PERCENT OF TOTAL EMPLOYMENT |
|---|---|---|---|---|
| | TOTAL EMPLOYMENT..... | 9,520 | na | 100.00 |
| 10035 | Managers, Retail Store..... | 1,050 | 26.53 | 11.03 |
| 19000 | All Other Managers..... | 370 | na | 3.89 |
| 20000 | All Professional Workers..... | 170 | na | 1.79 |
| 41000 | Janitors, Porters, and Cleaners.... | 60 | na | .63 |
| 55A47 | Carpenters..... | 60 | 4.74 | .63 |
| 59001 | All Other Skilled Craftsmen and Kindred Workers..... | 120 | na | 1.26 |
| 59002 | All Operatives and Semiskilled Workers..... | 300 | na | 3.15 |
| 59003 | All Laborers and Unskilled Workers. | 210 | na | 2.21 |
| 61333 | General Office Clerks..... | 470 | 48.99 | 4.94 |
| 61900 | All Other Office Clerical Workers.. | 1,240 | na | 13.03 |
| 62000 | All Plant Clerical Workers..... | 520 | na | 5.46 |
| 71000 | Sales Agents, Associates, and/or Representatives..... | 1,970 | 28.11 | 20.68 |
| 72002 | Sales Clerks..... | 2,950 | 36.37 | 30.98 |
| 79000 | All Other Sales Workers..... | 30 | na | .32 |

TABLE 32
SIC 526
RETAIL NURSERIES, LAWN AND GARDEN SUPPLY STORES

This group includes establishments primarily engaged in selling trees, shrubs, other plants, seeds, bulbs, mulches, soil conditioners, fertilizers, pesticides, garden tools, and other garden supplies to the general public. These establishments primarily sell products purchased from others, but may sell some plants which they grow themselves.

| OES CODE | OCCUPATION | ESTIMATED EMPLOYMENT | RELATIVE STANDARD ERROR | PERCENT OF TOTAL EMPLOYMENT |
|---|---|---|---|---|
| | TOTAL EMPLOYMENT..... | 6,290 | na | 100.00 |
| 10000 | Managers and Officers..... | 580 | na | 9.22 |
| 20000 | All Professional Workers..... | 20 | na | .32 |
| 30000 | All Technical Workers..... | 50 | na | .79 |
| 40000 | All Service Workers..... | 40 | na | .64 |
| 59001 | All Skilled Craftsmen and Kindred Workers..... | 540 | na | 8.59 |
| 59002 | All Operatives and Semiskilled Workers..... | 490 | na | 7.79 |
| 59003 | All Laborers and Unskilled Workers. | 3,380 | na | 53.73 |
| 61000 | All Office Clerical Workers..... | 460 | na | 7.31 |
| 62000 | All Plant Clerical Workers..... | 70 | na | 1.11 |
| 71000 | Sales Agents, Associates, and/or Representatives..... | 520 | na | 8.27 |
| 79000 | All Other Sales Workers..... | 140 | na | 2.23 |

TABLE 33
SIC 53
GENERAL MERCHANDISE STORES

This major group includes retail stores which sell a number of lines of merchandise, such as dry goods, apparel and accessories, furniture and home furnishings, small wares, hardware, and food.

| OES CODE | OCCUPATION | ESTIMATED EMPLOYMENT | RELATIVE STANDARD ERROR | PERCENT OF TOTAL EMPLOYMENT |
|---|---|---|---|---|
| | TOTAL EMPLOYMENT..... | 147,510 | na | 100.00 |
| 10032 | Managers, Merchandise..... | 1,670 | 36.46 | 1.13 |
| 10035 | Managers, Retail Store..... | 4,600 | 27.11 | 3.12 |
| 10046 | Managers, Automobile Service Department..... | 280 | 28.86 | .19 |
| 10047 | Managers, Automotive Parts Department..... | 210 | 38.61 | .14 |
| 19000 | All Other Managers and Officers.... | 6,070 | na | 4.11 |
| 21000 | All Engineers..... | 20 | na | .01 |
| 22100 | Mathematical Scientists..... | 50 | na | .03 |
| 25426 | Commercial Artists..... | 170 | 31.24 | .12 |
| 25465 | Personnel and Labor Relations Specialists..... | 440 | 20.80 | .30 |
| 29000 | All Other Professional Workers..... | 2,580 | na | 1.75 |
| 32000 | All Engineering Technicians..... | 270 | na | .18 |
| 39000 | All Other Technical Workers..... | 230 | na | .16 |
| 41000 | Janitors, Porters, and Cleaners.... | 2,070 | 31.13 | 1.40 |
| 42000 | Guards and Doorkeepers..... | 400 | 39.72 | .27 |
| 43006 | Hosts/Hostesses-Restaurant, Lounge or Coffee Shop..... | 60 | 43.59 | .04 |
| 43013 | Cooks, Restaurant..... | 220 | 48.38 | .15 |
| 43900 | All Other Food Service Workers..... | 2,380 | na | 1.61 |
| 44073 | Store Detectives..... | 970 | 24.43 | .66 |
| 49000 | All Other Service Workers..... | 1,270 | na | .86 |
| 51008 | Mechanics, Automotive..... | 970 | 33.67 | .66 |
| 51039 | Laundry Machine Mechanics..... | 410 | 37.00 | .28 |
| 51043 | Mechanics, Maintenance..... | 850 | 45.08 | .58 |
| 51070 | Mechanics, Sewing Machine..... | 100 | 40.75 | .07 |
| 51080 | Gas and Electric Appliance Repairers..... | 520 | 47.31 | 1.03 |
| 51900 | All Other Mechanics and Repairers.. | 340 | na | .23 |
| 55A93 | Merchandise Displayers and Window Trimmers..... | 690 | 26.59 | .47 |
| 55B29 | Supervisors, Nonworking..... | 630 | 27.45 | .43 |

Table 33 (Continued) General Merchandise Stores

| OES CODE | OCCUPATION | ESTIMATED EMPLOYMENT | RELATIVE STANDARD ERROR | PERCENT OF TOTAL EMPLOYMENT |
|---|---|---|---|---|
| 55B86 | Maintenance Repairers, General Utility | 640 | 36.71 | .43 |
| 55D05 | Alteration Tailors | 380 | 26.84 | .26 |
| 55D67 | Service Station Attendants, Fuel Pump Attendants and/or Lubricators | 80 | 34.47 | .05 |
| 55D68 | Tire Changers | 1,100 | 32.51 | .75 |
| 55D73 | Household Appliance Installers | 490 | 41.65 | .33 |
| 55D74 | Stock Clerks, Sales Floor | 5,600 | 48.79 | 3.80 |
| 55D86 | Furniture Finishers | 90 | 43.33 | .06 |
| 59001 | All Other Skilled Craftsmen and Kindred Workers | 580 | na | .39 |
| 59002 | All Other Operatives and Semi-skilled Workers | 2,120 | na | 1.44 |
| 59003 | All Other Laborers and Unskilled Workers | 2,360 | na | 1.60 |
| 61107 | Keypunch Operators | 220 | 41.38 | .15 |
| 61199 | All Other Office Machine Operators | 1,440 | na | .98 |
| 61301 | Accounting Clerks | 1,320 | 40.46 | .89 |
| 61307 | Bookkeepers, Hand | 880 | 40.17 | .60 |
| 61313 | Adjustment Clerks | 1,310 | 46.31 | .89 |
| 61314 | Cashiers | 7,320 | 48.23 | 4.96 |
| 61333 | General Office Clerks | 3,730 | 36.77 | 2.53 |
| 61344 | Credit Authorizers | 770 | 32.40 | .52 |
| 61352 | Personnel Clerks | 490 | 29.60 | .33 |
| 61357 | Credit Reference Clerks | 700 | 38.06 | .47 |
| 61368 | Secretaries | 1,070 | 37.95 | .73 |
| 61373 | Service Clerks | 1,180 | 32.96 | .80 |
| 61376 | Switchboard Operators | 570 | 30.04 | .39 |
| 61396 | Clerical Supervisors, Office or Plant | 150 | 30.36 | .78 |
| 61900 | All Other Office Clerical Workers | 6,250 | na | 4.24 |
| 62005 | Shipping and/or Receiving Clerks | 1,020 | 37.62 | .69 |
| 62008 | Stock Clerks-Stockroom, Warehouse or Storage Yard | 3,480 | 24.14 | 2.36 |
| 62024 | Marking Clerks | 3,440 | 24.55 | 2.33 |
| 62900 | All Other Plant Clerical Workers | 1,470 | na | 1.00 |
| 71000 | Sales Agents, Associates, and/or Representatives | 8,720 | 27.89 | 5.91 |
| 72002 | Sales Clerks | 53,360 | 6.86 | 36.17 |
| 72007 | Sales Clerk Supervisors | 3,220 | 46.98 | 2.18 |
| 79000 | All Other Sales Workers | 1,490 | na | 1.01 |

TABLE 34
SIC 531
DEPARTMENT STORES

This group includes retail stores carrying a general line of apparel, such as suits, coats, dresses, furnishings; home furnishings, such as furniture, floor coverings, curtains, draperies, linens, major household appliances; and housewares, such as table and kitchen appliances, dishes, and utensils.

| OES CODE | OCCUPATION | ESTIMATED EMPLOYMENT | RELATIVE STANDARD ERROR | PERCENT OF TOTAL EMPLOYMENT |
|---|---|---|---|---|
| | TOTAL EMPLOYMENT..... | 129,150 | na | 100.00 |
| 10032 | Managers, Merchandise..... | 1,400 | 18.28 | 1.08 |
| 10035 | Managers, Retail Store..... | 3,130 | 27.60 | 2.42 |
| 10046 | Managers, Automobile Service Department..... | 280 | 28.86 | .22 |
| 10047 | Managers, Automotive Parts Department..... | 210 | 38.61 | .16 |
| 10049 | Managers, Eating and/or Drinking Establishments..... | 150 | 34.35 | .12 |
| 19000 | All Other Managers..... | 5,700 | na | 4.41 |
| 21000 | All Engineers..... | 20 | na | .02 |
| 22100 | All Mathematical Scientists..... | 50 | na | .04 |
| 25426 | Commercial Artists..... | 170 | 29.57 | .13 |
| 25465 | Personnel and Labor Relations Specialists..... | 400 | 13.87 | .31 |
| 29000 | All Other Professional Workers..... | 2,500 | na | 1.94 |
| 32000 | All Engineering Technicians..... | 270 | na | .21 |
| 39000 | All Other Technical Workers..... | 230 | na | .18 |
| 41000 | Janitors, Porters, and Cleaners.... | 1,810 | 23.70 | 1.40 |
| 42000 | Guards and Doorkeepers..... | 390 | 39.01 | .30 |
| 43006 | Hosts/Hostesses-Restaurant, Lounge or Coffee Shop..... | 60 | 43.59 | .05 |
| 43009 | Waiters/Waitresses..... | 440 | 35.62 | .34 |
| 43013 | Cooks, Restaurant..... | 180 | 32.13 | .14 |
| 43900 | All Other Food Service Workers..... | 1,170 | na | .91 |
| 44073 | Store Detectives..... | 930 | 23.65 | .72 |
| 49000 | All Other Service Workers..... | 1,270 | na | .98 |
| 51008 | Mechanics, Automotive..... | 970 | 33.67 | .75 |
| 51039 | Laundry Machine Mechanics..... | 410 | 37.00 | .32 |
| 51043 | Mechanics, Maintenance..... | 850 | 45.08 | .66 |
| 51070 | Mechanics, Sewing Machine..... | 100 | 40.75 | .08 |
| 51080 | Gas and Electric Appliance Repairers..... | 1,520 | 47.31 | 1.18 |

Table 34 (Continued) Department Stores

| OES CODE | OCCUPATION | ESTIMATED EMPLOYMENT | RELATIVE STANDARD ERROR | PERCENT OF TOTAL EMPLOYMENT |
|---|---|---|---|---|
| 51900 | All Other Mechanics and Repairers.. | 340 | na | .26 |
| 54000 | Truck Drivers..... | 600 | 38.23 | .46 |
| 55A93 | Merchandise Displayers and Window Trimmers..... | 650 | 23.79 | .50 |
| 55B29 | Supervisors, Nonworking..... | 630 | 27.45 | .49 |
| 55B86 | Maintenance Repairers, General Utility..... | 640 | 36.71 | .50 |
| 55D05 | Alteration Tailors..... | 380 | 26.84 | .29 |
| 55D67 | Service Station Attendants, Fuel Pump Attendants and/or Lubricators..... | 80 | 34.47 | .06 |
| 55D68 | Tire Changers..... | 1,100 | 32.51 | .85 |
| 55D73 | Household Appliance Installers..... | 490 | 41.65 | .38 |
| 55D74 | Stock Clerks, Sales Floor..... | 4,520 | 38.61 | 3.50 |
| 55D86 | Furniture Finishers..... | 90 | 43.33 | .07 |
| 59001 | All Other Skilled Craftsmen and Kindred Workers..... | 580 | na | .45 |
| 59002 | All Other Operatives and Semi-skilled Workers..... | 1,430 | na | 1.11 |
| 59003 | All Other Laborers and Unskilled Workers..... | 2,130 | na | 1.65 |
| 61107 | Keypunch Operators..... | 210 | 30.95 | .16 |
| 61199 | All Other Office Machine Operators. | 1,420 | na | 1.10 |
| 61301 | Accounting Clerks..... | 1,310 | 40.31 | 1.01 |
| 61307 | Bookkeepers, Hand..... | 720 | 37.25 | .56 |
| 61313 | Adjustment Clerks..... | 1,240 | 27.73 | .96 |
| 61314 | Cashiers..... | 4,580 | 40.04 | 3.55 |
| 61333 | General Office Clerks..... | 3,240 | 38.16 | 2.51 |
| 61344 | Credit Authorizers..... | 760 | 32.20 | .59 |
| 61352 | Personnel Clerks..... | 490 | 28.86 | .38 |
| 61357 | Credit Reference Clerks..... | 700 | 38.06 | .54 |
| 61368 | Secretaries..... | 910 | 36.54 | .70 |
| 61373 | Service Clerks..... | 1,140 | 32.28 | .88 |
| 61376 | Switchboard Operators..... | 570 | 29.55 | .44 |
| 61392 | Typists..... | 140 | 46.76 | .11 |
| 61396 | Clerical Supervisors, Office or Plant..... | 1,140 | 29.87 | .88 |
| 61900 | All Other Office Clerical Workers.. | 5,730 | na | 4.44 |
| 62004 | Shipping Packers..... | 450 | 40.80 | .35 |
| 62005 | Shipping and/or Receiving Clerks... | 760 | 21.52 | .59 |
| 62008 | Stock Clerks-Stockroom, Warehouse or Storage Yard..... | 3,030 | 18.70 | 2.35 |
| 62024 | Marking Clerks..... | 3,020 | 19.43 | 2.34 |
| 62900 | All Other Plant Clerical Workers... | 920 | na | .71 |
| 71000 | Sales Agents, Associates, and/or Representatives..... | 7,920 | 14.41 | 6.13 |

Table 34 (Continued) Department Stores

| OES CODE | OCCUPATION | ESTIMATED EMPLOYMENT | RELATIVE STANDARD ERROR | PERCENT OF TOTAL EMPLOYMENT |
|---|---|---|---|---|
| 72002 | Sales Clerks..... | 46,380 | na | 35.91 |
| 72007 | Sales Clerk Supervisors..... | 2,610 | 38.33 | 2.02 |
| 79000 | All Other Sales Workers..... | 1,490 | na | 1.15 |

TABLE 35
SIC 54
FOOD STORES

This major group includes retail stores primarily engaged in selling food for home preparation and consumption, such as grocery stores; meat and fish (seafood) markets, including freezer provisioners; fruit stores and vegetable markets; candy, nut, and confectionery stores; dairy products stores; retail bakeries; and miscellaneous food stores.

| OES CODE | OCCUPATION | ESTIMATED EMPLOYMENT | RELATIVE STANDARD ERROR | PERCENT OF TOTAL EMPLOYMENT |
|---|---|---|---|---|
| | TOTAL EMPLOYMENT..... | 195,390 | na | 100.00 |
| 10032 | Managers, Merchandise..... | 200 | 36.58 | .10 |
| 10035 | Managers, Retail Store..... | 21,260 | 7.86 | 10.88 |
| 19000 | All Other Managers and Officers.... | 1,150 | na | .59 |
| 24000 | Systems Analysts, Electronic Data Processing..... | 80 | 28.77 | .04 |
| 25401 | Accountants and Auditors..... | 280 | 23.19 | .14 |
| 25426 | Commercial Artists..... | 60 | 20.23 | .03 |
| 25465 | Personnel and Labor Relations Specialists..... | 180 | 16.28 | .09 |
| 25466 | Pharmacists..... | 430 | 38.30 | .22 |
| 29000 | All Other Professional Workers..... | 1,160 | na | .59 |
| 31000 | Computer Programmers..... | 100 | 30.10 | .05 |
| 32000 | All Engineering Technicians..... | 20 | na | .01 |
| 34047 | Pharmacy Helpers..... | 20 | 27.96 | .01 |
| 39000 | All Other Technical Workers..... | 100 | na | .05 |
| 41000 | Janitors, Porters, and Cleaners.... | 640 | 46.28 | .33 |
| 42000 | Guards and Doorkeepers..... | 410 | 44.32 | .21 |
| 43004 | Butchers and/or Meatcutters..... | 8,810 | 20.73 | 4.51 |
| 43014 | Food Preparation and Service Workers, Fast Food Restaurant.... | 420 | 31.60 | .21 |
| 43900 | All Other Food Service Workers..... | 9,550 | na | 4.89 |
| 44006 | Cosmetologists and/or Hairstylists. | 30 | 32.25 | .02 |
| 44014 | Supervisors, Nonworking-Service.... | 240 | 24.80 | .12 |
| 44073 | Store Detectives..... | 30 | 37.29 | .02 |
| 49000 | All Other Service Workers..... | 80 | na | .04 |
| 51008 | Mechanics, Automotive..... | 160 | 27.60 | .08 |
| 51043 | Mechanics, Maintenance..... | 50 | 42.76 | .03 |
| 51052 | Refrigeration Mechanics and/or Air Conditioning Mechanics..... | 70 | 31.60 | .04 |
| 51900 | All Other Mechanics and Repairers.. | 110 | na | .06 |
| 54000 | Truck Drivers..... | 900 | 47.00 | .46 |

Table 35 (Continued) Food Stores

| OES CODE | OCCUPATION | ESTIMATED EMPLOYMENT | RELATIVE STANDARD ERROR | PERCENT OF TOTAL EMPLOYMENT |
|---|---|---|---|---|
| 55A47 | Carpenters | 30 | 29.56 | .02 |
| 55B12 | Electricians | 20 | 40.27 | .01 |
| 55B29 | Supervisors, Nonworking | 210 | 31.17 | .11 |
| 55B57 | Industrial Truck Operators | 320 | 24.00 | .16 |
| 55B87 | Helpers, Trades | 100 | 32.82 | .05 |
| 55C08 | Order Fillers | 400 | 33.63 | .20 |
| 55C39 | Production Packagers, Hand or Machine | 1,210 | 23.54 | .62 |
| 55D66 | Baggers | 22,820 | 8.70 | 11.68 |
| 55D74 | Stock Clerks, Sales Floor | 25,570 | 10.94 | 13.09 |
| 55F38 | Cake Decorators | 950 | 15.94 | .49 |
| 55H82 | Doughnut Makers and/or Doughnut Machine Operators | 100 | 49.25 | .05 |
| 59001 | All Other Skilled Craftsmen and Kindred Workers | 1,380 | na | .71 |
| 59002 | All Other Operatives and Semi-skilled Workers | 580 | na | .30 |
| 59003 | All Other Laborers and Unskilled Workers | 2,040 | na | 1.04 |
| 61105 | Computer Operators | 120 | 20.27 | .06 |
| 61107 | Keypunch Operators | 160 | 26.53 | .08 |
| 61199 | All Other Office Machine Operators | 50 | na | .03 |
| 61301 | Accounting Clerks | 750 | 21.27 | .38 |
| 61307 | Bookkeepers, Hand | 1,860 | 30.17 | .95 |
| 61314 | Cashiers | 68,640 | 5.21 | 35.12 |
| 61330 | File Clerks | 40 | 39.69 | .02 |
| 61333 | General Office Clerks | 1,140 | 26.33 | .58 |
| 61350 | Order Clerks | 60 | 39.84 | .03 |
| 61351 | Payroll and/or Timekeeping Clerks | 230 | 16.75 | .12 |
| 61352 | Personnel Clerks | 120 | 22.84 | .06 |
| 61355 | Procurement Clerks | 40 | 24.36 | .02 |
| 61368 | Secretaries | 970 | 30.83 | .50 |
| 61376 | Switchboard Operators | 20 | 16.10 | .01 |
| 61377 | Switchboard Operator-Receptionists | 60 | 31.88 | .03 |
| 61392 | Typists | 140 | 16.20 | .07 |
| 61396 | Clerical Supervisors, Office or Plant | 480 | 21.49 | .25 |
| 61900 | All Other Office Clerical Workers | 120 | na | .06 |
| 62004 | Shipping Packers | 80 | 24.17 | .04 |
| 62005 | Shipping and/or Receiving Clerks | 520 | 15.21 | .27 |
| 62008 | Stock Clerks-Stockroom, Warehouse or Storage Yard | 2,330 | 35.63 | 1.19 |
| 62900 | All Other Plant Clerical Workers | 240 | na | .12 |
| 71000 | Sales Agents, Associates, and/or Representatives | 510 | na | .26 |
| 72002 | Sales Clerks | 14,220 | 12.97 | 7.28 |

Table 35 (Continued) Food Stores

| OES CODE | OCCUPATION | ESTIMATED EMPLOYMENT | RELATIVE STANDARD ERROR | PERCENT OF TOTAL EMPLOYMENT |
|---|---|---|---|---|
| 72004 | Demonstrators..... | 70 | 24.66 | .04 |
| 72007 | Sales Clerk Supervisors..... | 130 | 38.78 | .07 |
| 79000 | All Other Sales Workers..... | 20 | na | .01 |

TABLE 36
SIC 541
GROCERY STORES

This group includes stores, commonly known as supermarkets, food stores, grocery stores, and delicatessen stores, primarily engaged in the retail sale of all sorts of canned foods and dry goods, either packaged or in bulk.

| OES CODE | OCCUPATION | ESTIMATED EMPLOYMENT | RELATIVE STANDARD ERROR | PERCENT OF TOTAL EMPLOYMENT |
|---|---|---|---|---|
| | TOTAL EMPLOYMENT..... | 184,320 | na | 100.00 |
| 10032 | Managers, Merchandise..... | 200 | 36.58 | .11 |
| 10035 | Managers, Retail Store..... | 18,530 | 7.44 | 10.05 |
| 19000 | All Other Managers and Officers.... | 1,150 | na | .62 |
| 24000 | Systems Analysts, Electronic Data Processing..... | 80 | 28.77 | .04 |
| 25401 | Accountants and Auditors..... | 280 | 23.19 | .15 |
| 25426 | Commercial Artists..... | 60 | 20.23 | .03 |
| 25465 | Personnel and Labor Relations Specialists..... | 180 | 16.28 | .10 |
| 25466 | Pharmacists..... | 430 | 38.30 | .23 |
| 29000 | All Other Professional Workers..... | 1,160 | na | .63 |
| 31000 | Computer Programmers..... | 100 | 30.10 | .05 |
| 32000 | All Engineering Technicians..... | 20 | na | .01 |
| 34047 | Pharmacy Helpers..... | 20 | 27.96 | .01 |
| 39000 | All Other Technical Workers..... | 100 | na | .05 |
| 41000 | Janitors, Porters, and Cleaners.... | 640 | 46.28 | .35 |
| 42000 | Guards and Doorkeepers..... | 410 | 44.32 | .22 |
| 43001 | Bakers, Bread and/or Pastry..... | 440 | 25.14 | .24 |
| 43004 | Butchers and/or Meat Cutters..... | 7,180 | 18.40 | 3.90 |
| 43007 | Kitchen Helpers..... | 480 | 18.64 | .26 |
| 43010 | Counter Attendants-Lunchroom, Coffee Shop, or Cafeteria..... | 1,850 | 47.95 | 1.00 |
| 43014 | Food Preparation and Service Workers, Fast Food Restaurant.... | 420 | 31.60 | .23 |
| 43900 | All Other Food Service Workers..... | 2,740 | na | 1.49 |
| 44006 | Cosmetologists and/or Hairstylists. | 30 | 32.25 | .02 |
| 44014 | Supervisors, Nonworking-Service.... | 240 | 24.80 | .13 |
| 44073 | Store Detectives..... | 30 | 37.29 | .02 |
| 49000 | All Other Service Workers..... | 80 | na | .04 |
| 51008 | Mechanics, Automotive..... | 160 | 27.60 | .09 |
| 51043 | Mechanics, Maintenance..... | 50 | 42.76 | .03 |
| 51052 | Refrigeration Mechanics and/or Air Conditioning Mechanics..... | 70 | 31.60 | .04 |

Table 36 (Continued) Grocery Stores

| OES CODE | OCCUPATION | ESTIMATED EMPLOYMENT | RELATIVE STANDARD ERROR | PERCENT OF TOTAL EMPLOYMENT |
|---|---|---|---|---|
| 51900 | All Other Mechanics and Repairers.. | 110 | na | .06 |
| 54000 | Truck Drivers..... | 900 | 47.00 | .49 |
| 55A47 | Carpenters..... | 30 | 29.56 | .02 |
| 55B12 | Electricians..... | 20 | 40.27 | .01 |
| 55B29 | Supervisors, Nonworking..... | 210 | 31.17 | .11 |
| 55B57 | Industrial Truck Operators..... | 320 | 24.00 | .17 |
| 55B87 | Helpers, Trades..... | 100 | 32.82 | .05 |
| 55C08 | Order Fillers..... | 400 | 33.63 | .22 |
| 55C39 | Production Packagers, Hand or Machine..... | 1,210 | 23.54 | .66 |
| 55D66 | Baggers..... | 22,720 | 8.72 | 12.33 |
| 55D74 | Stock Clerks, Sales Floor..... | 25,290 | 10.05 | 13.71 |
| 55E36 | Bakers..... | 660 | 15.78 | .36 |
| 55F38 | Cake Decorators..... | 950 | 15.94 | .52 |
| 55H82 | Doughnut Makers and/or Doughnut Machine Operators..... | 100 | 49.25 | .05 |
| 59001 | All Other Skilled Craftsmen and Kindred Workers..... | 490 | na | .27 |
| 59002 | All Other Operatives and Semi-skilled Workers..... | 580 | na | .31 |
| 59003 | All Other Laborers and Unskilled Workers..... | 2,040 | na | 1.11 |
| 61105 | Computer Operators..... | 120 | 20.27 | .07 |
| 61107 | Keypunch Operators..... | 160 | 26.53 | .09 |
| 61199 | All Other Office Machine Operators. | 50 | na | .03 |
| 61301 | Accounting Clerks..... | 750 | 21.27 | .41 |
| 61307 | Bookkeepers, Hand..... | 1,710 | 32.64 | .93 |
| 61314 | Cashiers..... | 68,380 | 5.18 | 37.09 |
| 61330 | File Clerks..... | 40 | 39.69 | .02 |
| 61333 | General Office Clerks..... | 1,140 | 26.33 | .62 |
| 61350 | Order Clerks..... | 60 | 39.84 | .03 |
| 61351 | Payroll and/or Timekeeping Clerks.. | 230 | 16.75 | .12 |
| 61352 | Personnel Clerks..... | 120 | 22.84 | .07 |
| 61355 | Procurement Clerks..... | 40 | 24.36 | .02 |
| 61368 | Secretaries..... | 970 | 30.83 | .53 |
| 61376 | Switchboard Operators..... | 20 | 16.10 | .01 |
| 61377 | Switchboard Operator-Receptionists. | 60 | 31.88 | .03 |
| 61392 | Typists..... | 140 | 16.20 | .08 |
| 61396 | Clerical Supervisors, Office or Plant..... | 480 | 21.49 | .26 |
| 61900 | All Other Office Clerical Workers.. | 120 | na | .07 |
| 62004 | Shipping Packers..... | 80 | 24.17 | .04 |
| 62005 | Shipping and/or Receiving Clerks... | 520 | 15.21 | .28 |
| 62008 | Stock Clerks-Stockroom, Warehouse or Storage Yard..... | 2,330 | 35.63 | 1.26 |
| 62900 | All Other PLant Clerical Workers... | 240 | na | .13 |

Table 36 (Continued) Grocery Stores

| OES CODE | OCCUPATION | ESTIMATED EMPLOYMENT | RELATIVE STANDARD ERROR | PERCENT OF TOTAL EMPLOYMENT |
|---|---|---|---|---|
| 71000 | Sales Agents, Associates, and/or Representatives | 510 | na | .28 |
| 72002 | Sales Clerks | 12,570 | 12.13 | 6.82 |
| 72004 | Demonstrators | 70 | 24.66 | .04 |
| 72007 | Sales Clerk Supervisors | 130 | 38.78 | .07 |
| 79000 | All Other Sales Workers | 20 | na | .01 |

TABLE 37
SIC 55
AUTOMOTIVE DEALERS AND GASOLINE SERVICE STATIONS

This major group includes retail dealers selling new and used automobiles, boats, recreational and utility trailers, and motorcycles; those selling new automobile parts and accessories; and gasoline service stations. Also included are establishments dealing exclusively in used automobiles, but not dealing exclusively in used parts and automobile repair shops maintained by the establishments engaged in the sale of new automobiles.

| OES CODE | OCCUPATION | ESTIMATED EMPLOYMENT | RELATIVE STANDARD ERROR | PERCENT OF TOTAL EMPLOYMENT |
|---|---|---|---|---|
| | TOTAL EMPLOYMENT..... | 130,900 | na | 100.00 |
| 10035 | Managers, Retail Store..... | 12,390 | 18.81 | 9.47 |
| 10046 | Managers, Automobile Service Department..... | 3,320 | 16.47 | 2.54 |
| 10047 | Managers, Automotive Parts Department..... | 2,750 | 45.66 | 2.10 |
| 19000 | All Other Managers and Officers.... | 3,640 | na | 2.78 |
| 25401 | Accountants and Auditors..... | 1,230 | 33.31 | .94 |
| 29000 | All Other Professional Workers..... | 70 | na | .05 |
| 30000 | All Technical Workers..... | 70 | na | .05 |
| 41000 | Janitors, Porters, and Cleaners.... | 2,250 | 29.02 | 1.72 |
| 43000 | All Food Service Workers..... | 2,420 | na | 1.85 |
| 49000 | All Other Service Workers..... | 200 | na | .15 |
| 51008 | Mechanics, Automotive..... | 14,600 | 8.43 | 11.15 |
| 51012 | Automotive Body Repairers..... | 2,720 | 13.18 | 2.08 |
| 51900 | All Other Mechanics and Repairers.. | 2,230 | na | 1.70 |
| 55A13 | Automobile Repair-Service Estimators..... | 800 | 31.33 | .61 |
| 55A61 | Cleaners, Vehicle..... | 3,900 | 17.58 | 2.98 |
| 55A87 | Delivery and Route Workers..... | 1,140 | 35.99 | .87 |
| 55B29 | Supervisors, Nonworking..... | 840 | 39.08 | .64 |
| 55B86 | Maintenance Repairers, General Utility..... | 1,140 | 36.20 | .87 |
| 55B87 | Helpers, Trades..... | 2,660 | 25.67 | 2.03 |
| 55C11 | Painters, Automotive..... | 1,520 | 27.49 | 1.16 |
| 55D68 | Tire Changers..... | 4,020 | 34.54 | 3.07 |
| 59001 | All Other Skilled Craftsmen and Kindred Workers..... | 110 | na | .08 |
| 59002 | All Other Operatives and Semi-skilled Workers..... | 10,480 | na | 8.01 |
| 59003 | All Other Laborers and Unskilled Workers..... | 1,400 | na | 1.07 |

Table 37 (Continued) Automotive Dealers and Gasoline Service Stations

| OES CODE | OCCUPATION | ESTIMATED EMPLOYMENT | RELATIVE STANDARD ERROR | PERCENT OF TOTAL EMPLOYMENT |
|---|---|---|---|---|
| 61105 | Computer Operators | 150 | 42.83 | .11 |
| 61107 | Keypunch Operators | 90 | 37.12 | .07 |
| 61199 | All Other Office Machine Operators | 220 | na | .17 |
| 61307 | Bookkeepers, Hand | 2,420 | 20.41 | 1.85 |
| 61314 | Cashiers | 14,990 | 43.49 | 11.45 |
| 61319 | Collectors | 110 | 32.83 | .08 |
| 61330 | File Clerks | 300 | 27.44 | .23 |
| 61333 | General Office Clerks | 3,280 | 22.96 | 2.51 |
| 61351 | Payroll and/or Timekeeping Clerks | 260 | 29.62 | .20 |
| 61368 | Secretaries | 930 | 38.46 | .71 |
| 61373 | Service Clerks | 720 | 25.57 | .55 |
| 61376 | Switchboard Operators | 230 | 27.90 | .18 |
| 61377 | Switchboard Operator-Receptionists | 200 | 39.72 | .15 |
| 61900 | All Other Office Clerical Workers | 2,760 | na | 2.11 |
| 62008 | Stock Clerks-Stockroom, Warehouse or Storage Yard | 1,950 | 27.98 | 1.49 |
| 62018 | Dispatchers-Vehicle, Service or Work | 240 | 23.41 | .18 |
| 62900 | All Other Plant Clerical Workers | 360 | na | .28 |
| 71000 | Sales Agents, Associates, and/or Representatives | 18,710 | 8.95 | 14.30 |
| 79000 | All Other Sales Workers | 7,080 | na | 5.41 |

TABLE 38
SIC 551
MOTOR VEHICLE DEALERS (NEW AND USED)

This group includes establishments primarily engaged in the retail sale of new automobiles, or new and used automobiles. These establishments frequently maintain repair departments and carry stocks of replacement parts, tires, batteries, and automotive accessories.

| OES CODE | OCCUPATION | ESTIMATED EMPLOYMENT | RELATIVE STANDARD ERROR | PERCENT OF TOTAL EMPLOYMENT |
|---|---|---|---|---|
| | TOTAL EMPLOYMENT..... | 55,450 | na | 100.00 |
| 10032 | Managers, Merchandise..... | 140 | 43.11 | .25 |
| 10035 | Managers, Retail Store..... | 1,990 | 18.08 | 3.59 |
| 10046 | Managers, Automobile..... | 1,700 | 9.63 | 3.07 |
| 10047 | Managers, Automotive..... | 1,230 | 9.23 | 2.22 |
| 19000 | All Other Managers and Officers.... | 2,530 | na | 4.56 |
| 25401 | Accountants and Auditors..... | 540 | 26.03 | .97 |
| 29000 | All Other Professional Workers..... | 20 | na | .04 |
| 30000 | All Technical Workers..... | 20 | na | .04 |
| 41000 | Janitors, Porters, and Cleaners.... | 1,680 | 18.45 | 3.03 |
| 49000 | All Other Service Workers..... | 90 | na | .16 |
| 51008 | Mechanics, Automotive..... | 9,220 | 6.34 | 16.63 |
| 51012 | Automotive Body Repairers..... | 2,710 | 12.27 | 4.89 |
| 51900 | All Other Mechanics and Repairers.. | 1,250 | na | 2.25 |
| 55A13 | Automobile Repair-Service Estimators..... | 800 | 31.33 | 1.44 |
| 55A61 | Cleaners, Vehicle..... | 3,050 | 13.19 | 5.50 |
| 55A87 | Delivery and/or Route Workers..... | 420 | 48.83 | .76 |
| 55B29 | Supervisors, Nonworking..... | 520 | 33.12 | .94 |
| 55B87 | Helpers, Trades..... | 1,860 | 20.03 | 3.35 |
| 55C11 | Painters, Automotive..... | 1,520 | 27.45 | 2.74 |
| 59001 | All Other Skilled Craftsmen and Kindred Workers..... | 270 | na | .49 |
| 59002 | All Other Operatives and Semi-skilled Workers..... | 420 | na | .76 |
| 59003 | All Other Laborers and Unskilled Workers..... | 1,030 | na | 1.86 |
| 61105 | Computer Operators..... | 150 | 43.00 | .27 |
| 61107 | Keypunch Operators..... | 90 | 37.12 | .16 |
| 61109 | Peripheral EDP Equipment Operators. | 110 | 49.35 | .20 |
| 61199 | All Other Office Machine Operators. | 50 | na | .09 |
| 61301 | Accounting Clerks..... | 880 | 17.62 | 1.59 |
| 61307 | Bookkeepers, Hand..... | 620 | 28.17 | 1.12 |

Table 38 (Continued) Motor Vehicle Dealers (New and Used)

| OES CODE | OCCUPATION | ESTIMATED EMPLOYMENT | RELATIVE STANDARD ERROR | PERCENT OF TOTAL EMPLOYMENT |
|---|---|---|---|---|
| 61314 | Cashiers | 1,090 | 8.80 | 1.97 |
| 61319 | Collectors | 110 | 32.83 | .20 |
| 61330 | File Clerks | 300 | 27.44 | .54 |
| 61333 | General Office Clerks | 1,850 | 23.55 | 3.34 |
| 61351 | Payroll and/or Timekeeping Clerks | 230 | 17.38 | .41 |
| 61368 | Secretaries | 430 | 28.89 | .78 |
| 61373 | Service Clerks | 660 | 24.21 | 1.19 |
| 61376 | Switchboard Operators | 230 | 27.95 | .41 |
| 61377 | Switchboard Operator-Receptionists | 170 | 26.26 | .31 |
| 61392 | Typists | 210 | 42.82 | .38 |
| 61396 | Clerical Supervisors, Office or Plant | 200 | 47.66 | .36 |
| 61900 | All Other Office Clerical Workers | 470 | na | .85 |
| 62008 | Stock Clerks-Stockroom, Warehouse or Storage Yard | 1,050 | 22.04 | 1.89 |
| 62018 | Dispatchers-Vehicle, Service or Work | 240 | 23.41 | .43 |
| 62900 | All Other Plant Clerical Workers | 330 | na | .60 |
| 71000 | Sales Agents, Associates, and/or Representatives | 12,190 | 5.22 | 21.97 |
| 72002 | Sales Clerks | 500 | 49.77 | .90 |
| 79000 | All Other Sales Workers | 280 | na | .50 |

TABLE 39
SIC 553
AUTO AND HOME SUPPLY STORES

This group includes establishments primarily engaged in the retail sale of automobile tires, batteries, and other automobile parts and accessories. Such establishments frequently sell a substantial amount of home appliances, radios and television sets. They frequently have facilities for tire recapping and vulcanizing.

| OES CODE | OCCUPATION | ESTIMATED EMPLOYMENT | RELATIVE STANDARD ERROR | PERCENT OF TOTAL EMPLOYMENT |
|---|---|---|---|---|
| | TOTAL EMPLOYMENT..... | 29,330 | na | 100.00 |
| 10035 | Managers, Retail Store..... | 4,870 | 15.52 | 16.61 |
| 10046 | Managers, Automobile..... | 1,120 | 32.65 | 3.82 |
| 19000 | All Other Managers..... | 1,290 | na | 4.40 |
| 20000 | All Professional Workers..... | 360 | na | 1.23 |
| 51008 | Mechanics, Automotive..... | 2,870 | 27.78 | 9.79 |
| 51900 | All Other Mechanics and Repairers.. | 400 | na | 1.36 |
| 55A87 | Delivery and/or Route Workers..... | 720 | 49.23 | 2.45 |
| 55D68 | Tire Changers..... | 3,990 | 34.76 | 13.60 |
| 59001 | All Other Skilled Craftsmen and Kindred Workers..... | 300 | na | 1.02 |
| 59002 | All Other Operatives and Semi-skilled Workers..... | 680 | na | 2.32 |
| 59003 | All Laborers and Unskilled Workers. | 80 | na | .27 |
| 61307 | Bookkeepers, Hand..... | 1,060 | 30.84 | 3.61 |
| 61333 | General Office Clerks..... | 1,230 | 45.49 | 4.19 |
| 61900 | All Other Office Clerical Workers.. | 1,150 | na | 3.92 |
| 62000 | All Plant Clerical Workers..... | 930 | na | 3.17 |
| 71000 | Sales Agents, Associates, and/or Representatives..... | 4,450 | 32.75 | 15.18 |
| 72002 | Sales Clerks..... | 3,830 | 40.38 | 13.06 |

TABLE 40
SIC 56
APPAREL AND ACCESSORY STORES

This major group includes retail stores primarily engaged in selling new clothing, shoes, hats, underwear, and related articles for personal wear and adornment. Furriers and custom tailors carrying stocks of materials are also included.

| OES CODE | OCCUPATION | ESTIMATED EMPLOYMENT | RELATIVE STANDARD ERROR | PERCENT OF TOTAL EMPLOYMENT |
|---|---|---|---|---|
| | TOTAL EMPLOYMENT..... | 80,500 | na | 100.00 |
| 10035 | Managers, Retail Store..... | 12,120 | 43.25 | 15.07 |
| 19000 | All Other Managers and Officers.... | 950 | na | 1.18 |
| 20000 | All Professional Workers..... | 1,670 | na | 2.07 |
| 30000 | All Technical Workers..... | 50 | na | .06 |
| 41000 | Janitors, Porters, and Cleaners.... | 650 | na | .81 |
| 42000 | Guards and Doorkeepers..... | 40 | na | .05 |
| 43000 | All Food Service Workers..... | 60 | na | .07 |
| 49000 | All Other Service Workers..... | 420 | na | .52 |
| 55B12 | Electricians..... | 20 | 18.42 | .02 |
| 59001 | All Skilled Craftsmen and Kindred Workers..... | 2,310 | na | 2.87 |
| 59002 | All Other Operatives and Semi-skilled Workers..... | 680 | na | .84 |
| 59003 | All Laborers and Unskilled Workers. | 2,160 | na | 2.68 |
| 61100 | All Office Machine Operators..... | 170 | na | .21 |
| 61900 | All Other Office Clerical Workers.. | 7,040 | na | 8.76 |
| 62000 | All Plant Clerical Workers..... | 1,910 | na | 2.37 |
| 71000 | Sales Agents, Associates, and/or Representatives..... | 6,540 | na | 8.12 |
| 72002 | Sales Clerks..... | 43,360 | 22.42 | 53.87 |
| 79000 | All Other Sales Workers..... | 350 | na | .43 |

TABLE 41
SIC 561
MEN'S AND BOYS' CLOTHING AND FURNISHINGS STORES

This group includes establishments primarily engaged in the retail sale of men's and boys' ready-to-wear clothing and furnishings.

| OES CODE | OCCUPATION | ESTIMATED EMPLOYMENT | RELATIVE STANDARD ERROR | PERCENT OF TOTAL EMPLOYMENT |
|---|---|---|---|---|
| | TOTAL EMPLOYMENT..... | 6,960 | na | 100.00 |
| 10000 | Managers and Officers..... | 1,540 | na | 22.13 |
| 20000 | All Professional Workers..... | 40 | na | .57 |
| 41000 | Janitors, Porters, and Cleaners.... | 190 | na | 2.73 |
| 59001 | All Skilled Craftsmen and Kindred Workers..... | 820 | na | 11.78 |
| 59002 | All Operatives and Semiskilled Workers..... | 80 | na | 1.15 |
| 59003 | All Laborers and Unskilled Workers. | 40 | na | .57 |
| 61000 | All Office Clerical Workers..... | 470 | na | 6.75 |
| 62000 | All Plant Clerical Workers..... | 200 | na | 2.87 |
| 70000 | All Sales Workers..... | 3,580 | na | 51.45 |

TABLE 42
SIC 562
WOMEN'S READY-TO-WEAR STORES

This group includes establishments primarily engaged in the retail sale of women's ready-to-wear coats, suits, and dresses.

| OES CODE | OCCUPATION | ESTIMATED EMPLOYMENT | RELATIVE STANDARD ERROR | PERCENT OF TOTAL EMPLOYMENT |
|---|---|---|---|---|
| | TOTAL EMPLOYMENT..... | 24,780 | na | 100.00 |
| 10035 | Managers, Retail Store..... | 3,200 | 29.72 | 12.92 |
| 19000 | All Other Managers..... | 480 | na | 1.94 |
| 25301 | Buyers, Retail and/or Wholesale Trade..... | 580 | 38.62 | 2.34 |
| 25426 | Commercial Artists..... | 40 | 44.94 | .16 |
| 29000 | All Other Professional Workers..... | 600 | na | 2.42 |
| 31000 | Computer Programmers..... | 40 | 47.58 | .16 |
| 41000 | Janitors, Porters, and Cleaners.... | 200 | na | .81 |
| 49000 | All Other Service Workers..... | 190 | na | .77 |
| 54000 | Truck Drivers..... | 20 | 10.83 | .08 |
| 59001 | All Skilled Craftsmen and Kindred Workers..... | 840 | na | 3.39 |
| 59002 | All Other Operatives and Semi-skilled Workers..... | 540 | na | 2.18 |
| 59003 | All Laborers and Unskilled Workers. | 140 | na | .56 |
| 61107 | Keypunch Operators..... | 20 | 8.37 | .08 |
| 61199 | All Other Office Machine Operators. | 70 | na | .28 |
| 61313 | Adjustment Clerks..... | 60 | 29.55 | .24 |
| 61314 | Cashiers..... | 1,360 | 39.63 | 5.49 |
| 61319 | Collectors..... | 50 | 38.23 | .20 |
| 61357 | Credit Reference Clerks..... | 30 | 14.78 | .12 |
| 61368 | Secretaries..... | 20 | 17.67 | .08 |
| 61396 | Clerical Supervisors, Office or Plant..... | 70 | 35.80 | .28 |
| 61900 | All Other Office Clerical Workers.. | 1,210 | na | 4.88 |
| 62008 | Stock Clerks-Stockroom, Warehouse or Storage Yard..... | 90 | 12.10 | .36 |
| 62900 | All Other Plant and Clerical Workers..... | 900 | na | 3.63 |
| 71000 | Sales Agents, Associates, and/or Representatives..... | 2,760 | na | 11.14 |
| 72002 | Sales Clerks..... | 11,110 | 17.92 | 44.84 |
| 72007 | Sales Clerk Supervisors..... | 160 | 45.05 | .65 |

TABLE 43
SIC 57
FURNITURE, HOME FURNISHINGS, AND EQUIPMENT STORES

This major group includes retail stores selling goods used for furnishing the home, such as furniture, floor coverings, draperies, glass and chinaware, domestic stoves, refrigerators, and other household electrical and gas appliances. Establishments selling electrical and gas appliances are included only if the major part of their sales consist of articles for home use. Excluded are dealers primarily engaged in selling antique and secondhand furniture.

| OES CODE | OCCUPATION | ESTIMATED EMPLOYMENT | RELATIVE STANDARD ERROR | PERCENT OF TOTAL EMPLOYMENT |
|---|---|---|---|---|
| | TOTAL EMPLOYMENT..... | 48,080 | na | 100.00 |
| 10032 | Managers, Merchandise..... | 1,400 | 33.88 | 2.91 |
| 10035 | Managers, Retail Store..... | 6,500 | 13.76 | 13.51 |
| 19000 | All Other Managers and Officers.... | 740 | na | 1.54 |
| 25301 | Buyers, Retail and/or Wholesale Trade..... | 550 | 48.81 | 1.14 |
| 25489 | Designers..... | 900 | 39.90 | 1.87 |
| 29000 | All Other Professional Workers..... | 110 | na | .23 |
| 30000 | All Technical Workers..... | 550 | na | 1.14 |
| 41000 | Janitors, Porters, and Cleaners.... | 1,000 | 40.12 | 2.08 |
| 49000 | All Other Service Workers..... | 70 | na | .15 |
| 51000 | All Mechanics and Repairers..... | 2,830 | na | 5.89 |
| 55A87 | Delivery and Route Workers..... | 2,000 | 34.78 | 4.16 |
| 55B57 | Industrial Truck Operators..... | 90 | 43.96 | .19 |
| 55D87 | Furniture Upholsterers..... | 50 | 45.30 | .10 |
| 59001 | All Other Skilled Craftsmen and Kindred Workers..... | 2,530 | na | 5.26 |
| 59002 | All Other Operatives and Semi-skilled Workers..... | 1,260 | na | 2.62 |
| 59003 | All Laborers and Unskilled Workers. | 1,120 | na | 2.33 |
| 61100 | All Office Machine Operators..... | 200 | na | .42 |
| 61301 | Accounting Clerks..... | 990 | 30.61 | 2.06 |
| 61307 | Bookkeepers, Hand..... | 1,900 | 27.03 | 3.95 |
| 61333 | General Office Clerks..... | 2,090 | 26.98 | 4.35 |
| 61344 | Credit Authorizers..... | 80 | 29.97 | .17 |
| 61368 | Secretaries..... | 730 | 43.41 | 1.52 |
| 61376 | Switchboard Operators..... | 20 | 34.29 | .04 |
| 61396 | Clerical Supervisors, Office or Plant..... | 370 | 37.00 | .77 |

Table 43 (Continued) Furniture, Home Furnishings, and Equipment Stores

| OES CODE | OCCUPATION | ESTIMATED EMPLOYMENT | RELATIVE STANDARD ERROR | PERCENT OF TOTAL EMPLOYMENT |
|---|---|---|---|---|
| 61900 | All Other Office Clerical Workers.. | 2,300 | na | 4.78 |
| 62005 | Shipping and/or Receiving Clerks... | 580 | 36.51 | 1.21 |
| 62900 | All Other Plant Clerical Workers... | 1,190 | na | 2.48 |
| 71000 | Sales Agents, Associates, and/or Representatives..... | 10,080 | 36.18 | 20.96 |
| 79000 | All Other Sales Workers..... | 5,850 | na | 12.17 |

TABLE 44
SIC 571
FURNITURE, HOME FURNISHINGS, AND EQUIPMENT STORES, EXCEPT APPLIANCES

This group includes establishments engaged in the retail sale of household furniture; floor coverings and related products; draperies, curtains, and upholstery; and miscellaneous home furnishings, such as china, bedding, linens, brushes, lamps, etc.

| OES CODE | OCCUPATION | ESTIMATED EMPLOYMENT | RELATIVE STANDARD ERROR | PERCENT OF TOTAL EMPLOYMENT |
|---|---|---|---|---|
| | TOTAL EMPLOYMENT..... | 25,460 | na | 100.00 |
| 10032 | Managers, Merchandise..... | 820 | 37.16 | 3.22 |
| 10035 | Managers, Retail Store..... | 2,990 | 12.50 | 11.74 |
| 19000 | All Other Managers and Officers.... | 450 | na | 1.77 |
| 25301 | Buyers, Retail and/or Wholesale Trade..... | 300 | 37.15 | 1.18 |
| 25489 | Designers..... | 700 | 40.55 | 2.75 |
| 29000 | All Other Professional Workers..... | 90 | na | .35 |
| 30000 | All Technical Workers..... | 10 | na | .04 |
| 41000 | Janitors, Porters, and Cleaners.... | 620 | 36.59 | 2.44 |
| 49000 | All Other Service Workers..... | 20 | na | .08 |
| 51055 | Television Servicers and Repairers, Radio Repairers and/or Tape Recorder Repairers..... | 120 | 34.62 | .47 |
| 51900 | All Other Mechanics and Repairers.. | 120 | na | .47 |
| 55A87 | Delivery and Route Workers..... | 1,820 | 32.95 | 7.15 |
| 55B57 | Industrial Truck Operators..... | 90 | 43.96 | .35 |
| 55D87 | Furniture Upholsterers..... | 50 | 45.30 | .20 |
| 59001 | All Other Skilled Craftsmen and Kindred Workers..... | 390 | na | 1.53 |
| 59002 | All Other Operatives and Semi-Skilled Workers..... | 1,110 | na | 4.36 |
| 59003 | All Laborers and Unskilled Workers. | 1,120 | na | 4.40 |
| 61100 | All Office Machine Operators..... | 160 | na | .63 |
| 61301 | Accounting Clerks..... | 740 | 31.31 | 2.91 |
| 61307 | Bookkeepers, Hand..... | 1,170 | 24.59 | 4.60 |
| 61314 | Cashiers..... | 570 | 27.88 | 2.24 |
| 61333 | General Office Clerks..... | 1,440 | 24.75 | 5.66 |
| 61344 | Credit Authorizers..... | 80 | 29.97 | .31 |
| 61368 | Secretaries..... | 330 | 42.95 | 1.30 |
| 61376 | Switchboard Operators..... | 20 | 34.29 | .08 |
| 61377 | Switchboard Operator-Receptionists. | 120 | 40.67 | .47 |
| 61396 | Clerical Supervisors, Office or Plant..... | 320 | 33.54 | 1.26 |

Table 44 (Continued) Furniture, Home Furnishings, and Equipment Stores, Except Appliances

| OES CODE | OCCUPATION | ESTIMATED EMPLOYMENT | RELATIVE STANDARD ERROR | PERCENT OF TOTAL EMPLOYMENT |
|---|---|---|---|---|
| 61900 | All Other Office Clerical Workers.. | 400 | na | 1.57 |
| 62005 | Shipping and/or Receiving Clerks... | 460 | 32.49 | 1.81 |
| 62008 | Stock Clerks-Stockroom, Warehouse or Storage Yard..... | 790 | 39.87 | 3.10 |
| 62900 | All Other Plant Clerical Workers... | 180 | na | .71 |
| 71000 | Sales Agents, Associates, and/or Representatives..... | 4,460 | 22.86 | 17.51 |
| 72002 | Sales Clerks..... | 3,400 | 30.04 | 13.34 |

TABLE 45
SIC 572
HOUSEHOLD APPLIANCE STORES

This group includes establishments primarily engaged in the retail sale of electric and gas refrigerators, stoves, and other household appliances. Many such stores also sell radio and television sets. Retail stores operated by public utility companies and primarily engaged in the sale of electric and gas appliances for household use are also included.

| OES CODE | OCCUPATION | ESTIMATED EMPLOYMENT | RELATIVE STANDARD ERROR | PERCENT OF TOTAL EMPLOYMENT |
|---|---|---|---|---|
| | TOTAL EMPLOYMENT..... | 4,830 | na | 100.00 |
| 10035 | Managers, Retail Store..... | 1,080 | 42.47 | 22.36 |
| 19000 | All Other Managers and Officers.... | 150 | na | 3.11 |
| 20000 | All Professional Workers..... | 20 | na | .41 |
| 51000 | All Mechanics and Repairers..... | 940 | na | 19.46 |
| 59001 | All Other Skilled Craftsmen and Kindred Workers..... | 240 | na | 4.97 |
| 59002 | All Operatives and Semiskilled Workers..... | 130 | na | 2.69 |
| 61000 | All Office Clerical Workers..... | 600 | na | 12.42 |
| 62000 | All Plant Clerical Workers..... | 110 | na | 2.28 |
| 71000 | Sales Agents, Associates, and/or Representatives..... | 840 | na | 17.39 |
| 79000 | All Other Sales Workers..... | 720 | na | 14.91 |

TABLE 46
SIC 58
EATING AND DRINKING PLACES

This major group includes retail establishments selling prepared foods and drinks for consumption on the premises, and lunch counters and refreshment stands selling prepared foods and drinks for immediate consumption. Restaurants, lunch counters, and drinking places operated as a subordinate service facility by other establishments are excluded unless they are operated as leased departments by outside operators.

| OES CODE | OCCUPATION | ESTIMATED EMPLOYMENT | RELATIVE STANDARD ERROR | PERCENT OF TOTAL EMPLOYMENT |
|---|---|---|---|---|
| | TOTAL EMPLOYMENT..... | 334,250 | na | 100.00 |
| 10049 | Managers, Eating and/or Drinking Establishments..... | 18,830 | 28.28 | 5.63 |
| 19000 | All Other Managers and Officers.... | 6,460 | na | 1.93 |
| 21000 | All Engineers..... | 40 | na | .01 |
| 22100 | Mathematical Scientists..... | 30 | na | .01 |
| 29000 | All Other Professional Workers..... | 950 | na | .28 |
| 30000 | All Technical Workers..... | 100 | na | .03 |
| 41000 | Janitors, Porters, and Cleaners.... | 2,640 | na | .79 |
| 42000 | Guards and Doorkeepers..... | 90 | na | .03 |
| 43007 | Kitchen Helpers..... | 35,230 | 24.10 | 10.55 |
| 43009 | Waiters/Waitresses..... | 75,010 | 13.10 | 22.45 |
| 43010 | Counter Attendants-Lunchroom, Coffee Shop, or Cafeteria..... | 28,960 | 16.25 | 8.66 |
| 43011 | Cooks, Short Order and/or Specialty Fast Foods..... | 30,120 | 12.29 | 9.01 |
| 43013 | Cooks, Restaurant..... | 15,550 | 49.10 | 4.65 |
| 43014 | Food Preparation and Service Workers, Fast Food Restaurant.... | 53,890 | 10.32 | 16.13 |
| 43900 | All Other Food Service Workers..... | 34,230 | na | 10.24 |
| 49000 | All Other Service Workers..... | 4,080 | na | 1.22 |
| 51000 | All Mechanics and Repairers..... | 110 | na | .03 |
| 55A87 | Delivery and Route Workers..... | 14,520 | 42.17 | 4.34 |
| 59001 | All Other Skilled Craftsmen and Kindred Workers..... | 580 | na | .17 |
| 59002 | All Other Operatives and Semi-skilled Workers..... | 970 | na | .29 |
| 59003 | All Laborers and Unskilled Workers. | 590 | na | .18 |
| 61100 | All Office Machine Operators..... | 200 | na | .06 |
| 61900 | All Other Office Clerical Workers.. | 10,470 | na | 3.13 |
| 62000 | All Plant Clerical Workers..... | 260 | na | .08 |
| 70000 | All Sales Workers..... | 340 | na | .10 |

TABLE 47
SIC 59
MISCELLANEOUS RETAIL

This major group includes retail establishments, not elsewhere classified, such as drug stores, liquor stores, used merchandise stores, nonstore retailers, fuel and ice dealers, miscellaneous shopping goods stores, florists, cigar stores and stands, and miscellaneous retail stores, not elsewhere classified.

| OES CODE | OCCUPATION | ESTIMATED EMPLOYMENT | RELATIVE STANDARD ERROR | PERCENT OF TOTAL EMPLOYMENT |
|---|---|---|---|---|
| | TOTAL EMPLOYMENT..... | 127,890 | na | 100.00 |
| 10035 | Managers, Retail Store..... | 14,580 | 24.02 | 11.40 |
| 19000 | All Other Managers and Officers.... | 2,470 | na | 1.93 |
| 21000 | All Engineers..... | 10 | na | .01 |
| 25466 | Pharmacists..... | 2,790 | 44.67 | 2.18 |
| 25489 | Designers..... | 4,660 | 28.46 | 3.64 |
| 29000 | All Other Professional Workers..... | 1,320 | na | 1.03 |
| 30000 | All Technical Workers..... | 510 | na | .40 |
| 41000 | Janitors, Porters, and Cleaners.... | 760 | na | .59 |
| 42000 | Guards and Doorkeepers..... | 30 | na | .02 |
| 43000 | All Food Service Workers..... | 1,230 | na | .96 |
| 49000 | All Other Service Workers..... | 70 | na | .05 |
| 51000 | All Mechanics and Repairers..... | 2,110 | na | 1.65 |
| 55A87 | Delivery and Route Workers..... | 6,510 | 28.67 | 5.09 |
| 59001 | All Other Skilled Craftsmen and Kindred Workers..... | 3,280 | na | 2.56 |
| 59002 | All Other Operatives and Semi-skilled Workers..... | 1,180 | na | .92 |
| 59003 | All Laborers and Unskilled Workers. | 5,050 | na | 3.95 |
| 61100 | All Office Machine Operators..... | 1,530 | na | 1.20 |
| 61900 | All Other Office Clerical Workers.. | 27,370 | na | 21.41 |
| 62000 | All Plant Clerical Workers..... | 4,000 | na | 3.13 |
| 71000 | Sales Agents, Associates, and/or Representatives..... | 6,060 | na | 4.74 |
| 72002 | Sales Clerks..... | 41,560 | 22.81 | 32.51 |
| 79000 | All Other Sales Workers..... | 810 | na | .63 |

TABLE 48
SIC 591
DRUG STORES AND PROPRIETARY STORES

This group includes establishments engaged in the retail sale of prescription drugs and patent medicines, and which may carry a number of related lines such as cosmetics, toiletries, tobacco, and novelty merchandise. This industry includes drug stores which also operate a soda fountain or lunch counter.

| OES CODE | OCCUPATION | ESTIMATED EMPLOYMENT | RELATIVE STANDARD ERROR | PERCENT OF TOTAL EMPLOYMENT |
|---|---|---|---|---|
| | TOTAL EMPLOYMENT..... | 29,850 | na | 100.00 |
| 10000 | Managers and Officers..... | 3,000 | na | 10.05 |
| 25466 | Pharmacists..... | 2,790 | 44.67 | 9.35 |
| 29000 | All Other Professional Workers..... | 550 | na | 1.84 |
| 30000 | All Technical Workers..... | 480 | na | 1.61 |
| 41000 | Janitors, Porters, and Cleaners.... | 260 | na | .87 |
| 43000 | All Food Service Workers..... | 390 | na | 1.31 |
| 59001 | All Skilled Craftsmen and Kindred Workers..... | 140 | na | .47 |
| 59002 | All Operatives and Semiskilled Workers..... | 1,360 | na | 4.56 |
| 59003 | All Laborers and Unskilled Workers. | 860 | na | 2.88 |
| 61100 | All Office Machine Operators..... | 130 | na | .44 |
| 61900 | All Other Office Clerical Workers.. | 10,310 | na | 34.53 |
| 62000 | All Plant Clerical Workers..... | 860 | na | 2.88 |
| 70000 | All Sales Workers..... | 8,720 | na | 29.21 |

TABLE 49
SIC 596
NONSTORE RETAILERS

This group includes establishments primarily engaged in the retail sale of products by catalog and mail order, by means of automatic merchandising units--vending machines, and by telephone or house-to-house canvass.

| OES CODE | OCCUPATION | ESTIMATED EMPLOYMENT | RELATIVE STANDARD ERROR | PERCENT OF TOTAL EMPLOYMENT |
|---|---|---|---|---|
| | TOTAL EMPLOYMENT..... | 13,740 | na | 100.00 |
| 10000 | All Managers and Officers..... | 680 | na | 4.95 |
| 21000 | All Engineers..... | 10 | na | .07 |
| 29000 | All Other Professional Workers..... | 210 | na | 1.53 |
| 30000 | All Technical Workers..... | 30 | na | .22 |
| 41000 | Janitors, Porters, and Cleaners.... | 20 | na | .15 |
| 43000 | All Food Service Workers..... | 840 | na | 6.11 |
| 49000 | All Other Service Workers..... | 70 | na | .51 |
| 51000 | All Mechanics and Repairers..... | 600 | na | 4.37 |
| 59001 | All Other Skilled Craftsmen and Kindred Workers..... | 150 | na | 1.09 |
| 59002 | All Operatives and Semiskilled Workers..... | 930 | na | 6.77 |
| 59003 | All Laborers and Unskilled Workers. | 2,630 | na | 19.14 |
| 61100 | All Office Machine Operators..... | 330 | na | 2.40 |
| 61351 | Payroll and/or Timekeeping Clerks.. | 60 | 48.93 | .44 |
| 61900 | All Other Office Clerical Workers.. | 3,360 | na | 24.45 |
| 62004 | Shipping Packers..... | 460 | 41.77 | 3.35 |
| 62900 | All Other Plant Clerical Workers... | 980 | na | 7.13 |
| 71000 | Sales Agents, Associates, and/or Representatives..... | 1,940 | na | 14.12 |
| 72007 | Sales Clerk Supervisors..... | 30 | 48.15 | .22 |
| 79000 | All Other Sales Workers..... | 410 | na | 2.98 |

# GLOSSARY OF TERMS

Benchmark Employment: Actual employment figures which existed at a particular point in time. The term is used in two ways: (1) as the establishment or industry employment that existed at the time the sample was pulled and (2) to refer to the total universe employment for each estimating cell as of the reference date of the survey.

ES-202, Quarterly Report of Employment and Wages: A listing of all employing units, within the state, covered under the Unemployment Insurance Law.

Establishment: An economic unit which produces goods or services. In most instances, each establishment is a single physical location and is engaged in one predominate type of economic activity for which an industry code is applicable. Establishments are also referred to as reporting units.

Estimating Cell: One size class in one industry.

Sample Weight: A numerical value assigned to an establishment which shows how many establishments of like size it represents in the survey.

Sampling Units: The establishments selected randomly from the universe.

Schedule: The survey form mailed to selected establishments. This form contains job titles and job descriptions pertinent to the respondent's particular industry.

Size Class: The stratification of an industry by employment size. For example, employment of 10-19 would be in one size class and employment of 20-49 in another size class, etc.

Standard Industrial Classification (SIC): The SIC is the classification of establishments by type of economic activity in which engaged. It is a classification of establishments, rather than legal entities or enterprises by kinds of business, and not by occupations or commodities. It encompasses all economic activity.

Universe: Total establishments or units covered under the ES-202, Quarterly Report of Employment and Wages.

Usable Response: After initial classification and schedule review, all usable employment data.